



Technical Guide



The SLX Range has clips designed for both architectural and marine applications. For uses across marine and commercial/residential interiors and installing into drywall/plasterboard and plywood. The two stage engagement of the clips allows for 6mm / 1/4" adjustability in all directions to ensure perfect panel alignment. Clips for architectural use are also available in fire rated versions. Engineered and manufactured in New Zealand. Perfect for complex walls and feature ceilings, complex geometries, large wall panels, and marine fit outs.



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PRODUCT RANGE

Please note, some products are not to scale

STANDARD PC RANGE

Offers hidden panel mounting solutions for a variety of applications, and includes self-tapping, screw and adhesive fix options. Typical application are wall and ceiling panels where the standoff between frame and panel does not need to be kept to a minimum.



LOW PROFILE LP RANGE

Ideal for mounting wall panels, with female clips specifically designed to self-tap into curved substrates, drywall and MDF or foam core.



VERY LOW PROFILE VL RANGE

Offers the least space between panel and substrate and is suited to very thin substrates and/or panels. Common uses: thin upholstered plywood panels, signage, aluminum honeycomb panels. VL-M3 and VL-F3 available in fire rated versions.



TEXTILE TC RANGE

Designed for mounting soft textiles to fabrics and hard surfaces in both interior and exterior settings. Utilizing a simple slide lock system, it offers hidden and secure cushion fastening and carpets.



SELECTING THE RIGHT PRODUCT

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STRATLOCK SL RANGE

Heavy-duty panel mounting solution provides 360° adjustment of the panel before locking into place. Specifically designed for the contract interior fit-out industry. Typical applications include heavy wall and ceiling panels in the interiors of hotels, hospitals, retail and residential.

SL-FA, SL-SFA, SL-FB1, SL-FC and SL-M18 also available in fire rated versions.



SLX RANGE

The SLX Range has clips designed for both architectural and marine applications. For uses across marine and commercial/residential interiors and installing into drywall/plasterboard and plywood. The two stage engagement of the clips allows for 6mm / 1/4" adjustability in all directions to ensure perfect panel alignment. Perfect for complex walls and feature ceilings, complex geometries, large wall panels, and marine fit outs.

SLX-F1.5R, SLX-F40R and SLX-M18 available in fire rated versions.



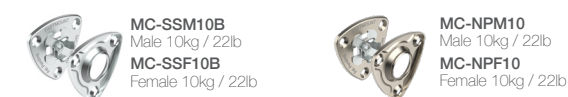
PANELSAFE PS RANGE

Providing added security and control to panel removal and allows a panel to be suspended below the ceiling for convenient servicing behind the panel or controlled removal of the panel.



METAL MC RANGE

Recommended for wall panel applications that require a robust hidden fixing. Common uses: heavyweight wall panels, fire-rated panels, metal panels.



STANDARD PC RANGE

The Standard Range offers hidden panel mounting solutions for a variety of applications, and includes self-tapping, screw and adhesive fix options. Pull-out loads vary from 5-15kg, depending on the male clip used. The Standard Range is ideal for mounting wall and ceiling panels where the standoff between frame and panel does not need to be kept to a minimum. Male and female clips are interchangeable within the range. Common uses: wall and ceiling panels, acoustic panels, prefabricated panels and seat backs.



PC-M1B STANDARD SELF TAPPING MALE CLIP

Male self tapping clip suitable for most panel types. Mounts into PC-F1A, PC-SF1, PC-RF1 and PC-AF1. 5kg pull out load per clip. Screws into 10mm hole with CT-01 or CT-09. Minimum panel thickness 6mm. Install with CT-10.



PC-M2H STANDARD SELF TAPPING MALE CLIP HEAVY DUTY 10kg / 22lb

Male self tapping heavy duty clip for thicker panels with increased loading. Mounts into PC-F1A, PC-SF1, PC-RF1 and PC-AF1. 10kg / 22lb pull out load per clip. Minimum panel thickness 9mm. Screws into 10mm hole with CT-10.



PC-VM1 VARIO SELF TAPPING MALE CLIP 5KG

Male self tapping clip with variable gap and high shear strength. Mounts into PC-F1A, PC-SF1, PC-RF1 and PC-AF1. 5kg pull out load per clip. Minimum panel thickness 9mm. Screws into 10mm hole with CT-10.



PC-VMX VARIO SELF TAPPING MALE CLIP EXTRA HEAVY DUTY 15KG / 33LB

Male self tapping clip with variable gap and high shear strength. Mounts into PC-F1A, PC-SF1, PC-RF1, PC-AF1. Extra heavy duty clip with 15kg / 33lb / 33lb pull out load. Minimum panel thickness 9mm. Screws into 10mm hole with CT-10.



PC-SM2 STANDARD SURFACE MOUNT MALE CLIP

Male surface mount clip with 2 part epoxy base for thinner panels. Mounts into PC-F1A, PC-SF1, PC-RF1 and PC-AF1. 5kg pull out load per clip. Glue fix with 2 part epoxy adhesive. No special tools required for installation. Incorporates the patented SuperGroove system.



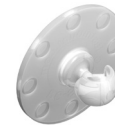
PC-SM2H STANDARD SURFACE MOUNT MALE CLIP HEAVY DUTY 10kg / 22lb

Male surface mount heavy duty clip with SuperGroove base for increased loading. Mounts into PC-F1A, PC-SF1, PC-RF1 and PC-AF1. 10kg / 22lb pull out load per clip. Glue fix with 2 part epoxy adhesive. No special tools required for installation. Incorporates the patented SuperGroove™ system.



PC-SVMX VARIO SCREW FIX MALE CLIP EXTRA HEAVY DUTY 15KG / 33LB

Male surface mount, screw fix clip with variable gap and high shear strength. Mounts into PC-F1A, PC-SF1, PC-RF1 and PC-AF1. Extra heavy duty clip with 15kg / 33lb / 33lb pull out load and location point on base. Screw fix with 3 x countersink screws (maximum #6). No special tools required for installation.



PC-SM1AC STANDARD SURFACE MOUNT MALE CLIP TRANSLUCENT FOR ACOUSTIC 2KG

Male surface mount clip for use with acoustic panels. Mounts into PC-F1A, PC-SF1 and PC-AF1. Glue fix with 2 part epoxy adhesive or other suitable epoxy glue. No special tools required for installation.



PC-F1A STANDARD SELF TAPPING FEMALE CLIP

Female self tapping clip suitable for most panel mounting applications. Compatible with male clips PC-M1B, PC-M2H, PC-SM2, PC-SM2H, PC-VM1, PC-VMX, PC-SVMX and PC-SM1AC. Screws into 16.8mm hole made with CT-07 or CT-13A, or installs into PC-DC1.



PC-DC1 STANDARD FEMALE ANCHOR

Female adjustable anchor which houses the PC-F1A to enable efficient and secure mounting into drywall or concrete substrates. Allows transverse adjustment on uneven substrates to create a level mounting surface. To be used with PC-F1A female clip and all Standard Range male clips. Installs with 26mm masonry drill and rubber mallet.



PC-SF1 STANDARD SURFACE MOUNT FEMALE CLIP

Female surface mount screw fix clip for use where a cavity is required. Compatible with male clips PC-M1B, PC-M2H, PC-SM2, PC-SM2H, PC-VM1, PC-VMX, PC-SVMX and PC-SM1AC. Screws onto support frame. No special tools required for installation.



PC-RF1 STANDARD SIDE MOUNT FEMALE CLIP (BROWN)

Female side mounting screw fix clip suitable for various side mounting applications. Compatible with male clips PC-M1B, PC-M2H, PC-SM2, PC-SM2H, PC-VM1, PC-VMX and PC-SVMX. Screw fix to frame. Use CT-18DG install jig for ceiling applications.



PC-AF1 STANDARD AUTO FIT FEMALE CLIP

Female push fit clip suitable for applications requiring lateral adjustment. Compatible with male clips PC-M1B, PC-M2H, PC-SM2, PC-SM2H, PC-VM1, PC-VMX, PC-SVMX and PC-SM1AC. Screw fix into predrilled 35mm hole. No special tools required for installation.

LOW PROFILE LP RANGE

The Low Profile Range offers self-tapping, screw and adhesive fix clips for mounting wall panels that require less space between panel and substrate. Available in 5-15kg pull out loads depending on the male clip used. Ideal for mounting wall panels, with female clips specifically designed to self-tap into curved substrates, drywall and MDF or foam core.

Common uses: mounting decorative wall panels to drywall substrates, curved panels to curved walls, and non-upholstered panels to walls.



LP-M8A LOW PROFILE SELF TAPPING MALE CLIP

Male low profile self tapping clip for plywood and MDF type boards. Mounts into LP-F8, LP-DF8 and LP-AF8A. 5kg pull out load per clip. Screws into 10mm hole with CT-09. Install with CT-10.



LP-SM8AS LOW PROFILE SURFACE MOUNT MALE CLIP

Male low profile surface mount clip with SuperGroove base for thinner panels. Mounts into LP-F8, LP-DF8 and LP-AF8A. 5kg pull out load per clip. Screw or glue fix with 2 part epoxy adhesive. No special tools required for installation.



LP-SM8H MALE - SURFACE MOUNT 10KG / 22LB / 22LB

Male low profile surface mount clip with 10kg / 22lb / 22lb pull out load. Mounts into LP-F8, LP-DF8 and LP-AF8A. Screw fix with 3 x countersink #6 type screws. No special tools required for installation.



LP-SMX LOW PROFILE MALE HEAVY DUTY - 15KG

Male low profile extra heavy duty surface mount clip for heavy panels. Mounts into LP-F8 and LP-AF8A. 15kg / 33lb / 33lb pull out load per clip. Screw fix with 3 x countersink #6 type screws. No special tools required for installation.



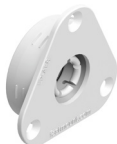
LP-F8 LOW PROFILE SELF TAPPING FEMALE CLIP

Female low profile self tapping clip for use with plywood and MDF type boards. Compatible with male clips LP-M8A, LP-SM8AS and LP-SMX. Install with CT-19 into 25-25.4mm hole.



LP-DF8 LOW PROFILE SELF TAPPING FEMALE CLIP COARSE THREAD

Female low profile self tapping clip with coarse thread for use with drywall plasterboard and soft core material. Compatible with male clips LP-M8A and LP-SM8AS. Install with CT-19 into 25mm hole.



LP-AF8A LOW PROFILE FEMALE CLIP AUTOFIT

Female low profile push fit clip with lateral adjustment designed for use with curved panels. Compatible with male clips LP-M8A, LP-SM8AS and LP-SMX. Screw or glue fix with 2 part epoxy adhesive into predrilled 35mm hole.

VERY LOW PROFILE VL RANGE

The Very Low Profile Range offers the least space between panel and substrate, and is suited to very thin substrates and/or panels with no special tools required for installation. Clips can be recessed, screw, rivet or adhesive fixed. Pull-out loads vary from 5-10kg per clip set, with a certified fire-rated version available.

Common uses: thin upholstered plywood panels, signage, aluminium honeycomb panels.



VL-M3 VERY LOW PROFILE MALE CLIP

Male very low profile surface mount clip. Compatible with female clip VL-F3. 5kg pull out load per clip set. Screw or glue fix with 2 part epoxy. No special tools required for installation.



VL-F3 VERY LOW PROFILE FEMALE CLIP

Female very low profile clip for surface or recessed mounting. Compatible with male clip VL-M3. 5kg pull out load per clip set. Screw or 2 part epoxy fix. No special tools required for installation.



VL-M3H VERY LOW PROFILE MALE CLIP HEAVY DUTY 10KG / 22LB

Male very low profile heavy duty surface mount clip. Compatible with female clip VL-F3H. 10 kg pull out load per clip set. Screw or glue fix with 2 part epoxy. No special tools required for installation.



VL-F3H VERY LOW PROFILE FEMALE CLIP HEAVY DUTY 10KG / 22LB

Female very low profile heavy duty clip for surface or recessed mounting. Compatible with male clip VL-M3H. 10kg / 22lb pull out load per clip set. Screw or glue fix with 2 part epoxy. No special tools required for installation.



VL-M3FR VERY LOW PROFILE MALE CLIP FIRE-RATED 10KG / 22LB

Male very low profile fire-rated surface mount clip. Compatible with female clip VL-F3FR. 10kg / 22lb pull out load per clip set. Screw fix with VL-SS3. No special tools required for installation. Fire-resistance certified by CSTB (Scientific and Technical Centre for Building, France)



VL-F3FR VERY LOW PROFILE FEMALE CLIP FIRE-RATED 10KG / 22LB

Female very low profile fire-rated clip for surface or recessed mounting. Compatible with male clip VL-M3FR. 10kg / 22lb pull out load per clip set. Screw fix with VL-SS3. No special tools required for installation. Fire-resistance certified by CSTB (Scientific and Technical Centre for Building, France)



VL-M3X VERY LOW PROFILE EXTRA HEAVY DUTY 25KG

The VL-M3X is the strongest fixing in the Very Low Profile Range, ideal for more permanent fixings in applications such as settee arms in furniture, heavy artwork, and large, heavyweight interior panels. With a 25kg pull out load and 75kg shear load, the VL-M3X clips into the VL-F3H and requires no special tools for installation. Can be used with a wide range of adhesives or screw fixed, according to application type.



VL-PF3 VERY LOW PROFILE FEMALE RECESSED MOUNT ACOUSTIC CLIP

The VL-PF3 alongside the male counterparts VL-M3 (5kg / 11lb pull out load) or VL-M3H (10kg / 22lb pull out load) is a recess mounted clip system designed to be used with PET Acoustic panels. Provides a 2mm gap between panel and substrate. The VL-PF3 allows for PET panels to be fully recycled due to the clips not requiring any glue to be used, allowing for reduced wastage and labour cost.

METAL MC RANGE

The Metal Range is recommended for more heavy-duty applications that require a robust hidden fixing. Self-tapping, screw or rivet and self-adhesive fix options are available, with pull-out loads of 5kg or 10kg / 22lb depending on clips used. Stainless Steel clip set (patent pending) has been designed for high fire resistance and durability, and can be used on ceiling and wall panels.

Common uses: heavyweight wall and ceiling panels, fire-rated panels and egress paths, metal panels.



MC-SSM10B & MC-SSF10B STAINLESS STEEL CLIPS

Stainless steel screw fix clips for securing heavy wall and ceiling panels, for use with 6G CSK screws. Highly fire resistant and durable. 10kg / 22lb pull out load.



MC-NPM10 & MC-NPF10 NICKEL PLATED CLIPS

Nickel plated screw fix clips for securing heavy wall and ceiling panels, for use with 6G CSK screws. Highly fire resistant and durable. 10kg / 22lb pull out load.

TEXTILE TC RANGE

The Textile Range is designed for mounting soft textiles to fabrics and hard surfaces in both interior and exterior settings with clip sets holding up to a 32kg break out load. Utilising a simple slide lock system, the Textile Range offers hidden and secure cushion fastening.

Typical applications include sun loungers, exterior cushions on superyachts, seat bases and backs. Patent Pending.



TC-F6H TEXTILE CLIP FEMALE HEAVY DUTY

Heavy-duty female clip with quick aligning, secure slide-lock function. Stitches onto upholstery during construction process. 26kg pull out load with TC-M6, 32kg pull out load with TC-SM6. No removal tool required. For use with male clips TC-M6, TC-SM6 and TC-SM6S.



TC-M6 TEXTILE CLIP MALE - SCREW FIX

White screw fix male for use with #6 screw. UV resistant. Compatible with TC-F6H.



TC-SM6S TEXTILE CLIP MALE - SEW ON

Translucent sew on male clip to be used with TC-F6H for fabric-to-fabric upholstery fixing. UV resistant.



TC-SM6 TEXTILE CLIP SELF ADHESIVE MALE CLIP

Self adhesive, white surface mount male with Very High Bond (VHB) tape pre-attached for quick, durable install. **Compatible with TC-F6H.**



TC-CF3 CARPET CLIP FEMALE

Wind in female clip for securing carpet to hard surfaces. UV resistant. Available in white, black, grey and clear. Compatible with TC-CM6 and TC-CSM6.



TC-CM6 CARPET CLIP MALE

White screw fix male for use with #6 screw. UV resistant. Compatible with TC-CF3.



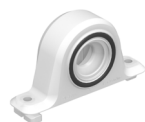
TC-CSM6 CARPET CLIP MALE – ADHESIVE MOUNT

Self adhesive, white surface mount male with UHB tape pre-attached. UV resistant. Compatible with TC-CF3.

STRATLOCK SL RANGE

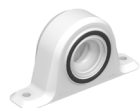
The Stratlock Range is a heavy-duty panel mounting solution for mounting heavy interior panels onto aluminium or steel extrusion framework, designed specifically for the contract interior fitout industry. With no special installation tools required, the Stratlock Range is a hidden fixing that installs rapidly into the framework and panel, provides supported adjustment of the panel before locking into place, and boasts our highest shear strength and pull out load of 18kg.

Typical applications include heavy wall and ceiling panels in the interiors of hotels, hospitals, retail and residential. Patent Pending.



SL-FA/SL-FA-FR STRATLOCK FEMALE SIDE MOUNT

Female side mount clip with twist lock installation into aluminium extrusion. Fits into extrusion channel with dimensions of mouth: 7.5mm - 8.5mm, depth: min. 7mm, wall thickness: 0.75mm - 1.2mm. New solid-style internal load chassis. 10kg / 22lb / 22lb pull out load with SL-M10, 18kg with SL-M18. No special tools required for installation.



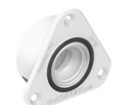
SL-SFA/SL-SFA-FR STRATLOCK SIDE MOUNT FOR TIMBER FRAMEWORK

Female side mount clip with screw fit installation into timber framework. Recommended for use with timber, steel or aluminium substrates. New solid-style internal load chassis. 10kg / 22lb pull out load with SL-M10, 18kg with SL-M18. No special tools required for installation.



SL-FB1/SL-FB1-FR STRATLOCK FEMALE FRONT MOUNT (SCREW FIX)

Female front mount channel insert with push fit installation, then secure in place with screws. Fits into 18mm standard galvanized steel rail framework with channel dimensions of mouth: 35.0mm - 35.75mm, depth: min 15.75mm - 16.5mm. Compatible with SL-M18/SL-M18-FR for 18kg pull out load, or SL-M10 for 10kg / 22lb pull out load. No special tools or screws required for installation.



SL-FC/SL-FC-FR STRATLOCK FEMALE FLUSH MOUNT

Female flush mount clip with screw fit installation. Fits into ø40mm hole, and screw fixes with 3 x #5 screws. No special tools required for installation.



SL-SMT1 STRATLOCK FEMALE SIDE MOUNT

Enabling clip for use with the PanelSafe Range and for suspended ceiling structures. Clips directly into existing SL-RLE rail and works in conjunction with the Stratlock range. Has a 25kg drop load in conjunction with PanelSafe, and a 50kg static load in suspended ceiling mode. No special tools required for installation.



SL-M10 STRATLOCK MALE 10KG / 22LB

Male clip with two-stage engagement for adjustable panel positioning and locking. Fixes to panel with either 1 x #8 screw or 3 x #8 screws; or adhesive fix with a 2 part epoxy. Mounts into SL-FA, SL-SFA, SL-FB1 and SL-FC. 10kg / 22lb pull out load. No special tools required for installation.



SL-M18/SL-M18-FR STRATLOCK MALE 18KG

Male clip with two-stage engagement for adjustable panel positioning and locking. Fixes to panel with #8 screw, or surface mount with a 2 part epoxy. Mounts into SL-FA, SL-SFA, SL-FB and SL-FC. 18kg pull out load. No special tools required for installation.



SL-RLE STRATLOCK RAIL EXTRUSION

Available in 3m lengths, can be cut and assembled in grid format using appropriate Stratlock connectors. One profile for horizontal and vertical framing. Aluminium grade 6063 T5. Compatible with connectors SL-RCF90 and SL-RCA180, and Stratlock Range clips SL-FA and SL-FB1. Weight per metre 405 grams. Overall width 58mm, overall depth 22.3mm.



SL-C-WW90-FR STRATLOCK WALL TO WALL CONNECTOR

The SL-C-WW90-FR provides a 90° fixed joint between the SL-RLE groove and profile end when building a wall or ceiling. It combines with the SL-C-WC90-FR for a wall to ceiling connection. Made from fire rated Grilon ASV0 plastic it provides a strong frame connection. Installs with standard screws (Stainless Steel) with no special tools required.



SL-C-WC90-FR STRATLOCK WALL TO CEILING CONNECTOR

The SL-C-WC90-FR is a 90° connector that pairs with the SL-RLE to create a wall to ceiling, perpendicular connection. Made from Fire Rated Grilon ASV0 plastic. Fits into SL-RLE profile end and SL-RLE side groove. Installs with standard screws (Stainless Steel) and installs into SL-RLE.



SL-RCF90 STRATLOCK 90° RAIL CONNECTOR

Creates a 90 degree fixed joint between the SL-RLE groove and profile end when building a wall, combines with SL-RCA180 for wall to ceiling connection or SLRCAB180 for wall to wall corner connection. Diecast aluminium alloy ADC12. Installs with provided small hex head grub screw (stainless steel).



SL-RCA180 WALL TO CEILING ADJUSTABLE CORNER CONNECTOR

Pairs with SL-RCF90 to create wall to ceiling connection with 180° adjustability. Fits into SL-RLE profile end with supplied SS grub screws, and connects with SL-RCF90 with supplied socket screws. Die cast aluminium alloy ADC12.

SLX RANGE

The SLX Range has clips designed for both architectural and marine applications. For uses across marine and commercial/residential interiors and installing into drywall/plasterboard and plywood. The two stage engagement of the clips allows for 6mm / 1/4" adjustability in all directions to ensure perfect panel alignment. Clips for architectural use are also available in fire rated versions. Engineered and manufactured in New Zealand.

Perfect for complex walls and feature ceilings, complex geometries, large wall panels, and marine fit outs.

**SLX-F1.5R / SLX-F1.5R-FR FEMALE CLIP FOR DRYWALL & PLYWOOD**

Female flush mount clip with screw fit installation, designed for drywall. Fits into ø38mm (1.5") hole, and screw fixes with 2 x #6 screws into the stud behind or 2 x metal hollow wall anchors when in drywall when it misses the stud. Clip is 12mm (1/2") deep to fit into current market substrates with up to 6mm (1/4") of adjustability. Also available in fire rated version. Compatible with SLX-M5, SLX-M10 and SLX-M18. No special tools required for installation.

**SLX-F40R / SLX-F40R-FR FEMALE CLIP FOR PLASTERBOARD**

Female flush mount clip with screw fit installation, designed for drywall and plywood. Fits into ø40mm (1.57") hole, and screw fixes with 2 x #6 screws into the stud behind or 2 x metal hollow wall anchors when in drywall when it misses the stud. Clip is 12mm (1/2") deep to fit into current market substrates with up to 6mm (1/4") of adjustability. Also available in fire rated version. Compatible with SLX-M5, SLX-M10 and SLX-M18. No special tools required for installation.

**SLX-F40T FEMALE CLIP FOR PLYWOOD**

Female flush mount clip with screw fit installation, designed for marine applications. Fits into ø40mm (1.57") hole, and screw fixes with 3 x #6 screws. Clip is 12mm (1/2") deep to fit into current market substrates with up to 6mm (1/4") of adjustability. Compatible with SLX-M5, SLX-M10, SLX-M18 and SLX-M25. No special tools required for installation.

**SLX-M5 MALE CLIP 5KG / 11LB**

Male clip with two-stage engagement for adjustable panel positioning and locking. Fixes to panel with either 1 x #6 or #8 screw or 3 x #6 screws; or adhesive fix with a 2 part epoxy adhesive. Mounts into SLX-F40T, SLX-F40R and SLX-F1.5R. 5kg / 11lb pull out load. No special tools required for installation.

**SLX-M10 MALE CLIP 10KG / 22LB**

Male clip with two-stage engagement for adjustable panel positioning and locking. Fixes to panel with either 1 x #6 or #8 screw or 3 x #6 screws; or adhesive fix with a 2 part epoxy adhesive. Mounts into SLX-F40T, SLX-F40R and SLX-F1.5R. 10kg / 22lb pull out load. No special tools required for installation.

**SLX-M18 MALE CLIP 18KG / 40LB**

Male clip with two-stage engagement for adjustable panel positioning and locking. Fixes to panel with either 1 x #6 or #8 screw or 3 x #6 screws; or adhesive fix with a 2 part epoxy adhesive. Also available in fire-rated version. Mounts into SLX-F40T, SLX-F40R and SLX-F1.5R. 18kg / 40lb pull out load. No special tools required for installation.

**SLX-M25 MALE CLIP 25KG / 55LB**

Male clip with two-stage engagement for adjustable panel positioning and locking. Fixes to panel with either 1 x #6 or #8 screw or 3 x #6 screws; or adhesive fix with a 2 part epoxy adhesive. Mounts into SLX-F40T. 25kg / 55lb pull out load. No special tools required for installation.

PANELSAFE PS RANGE

PanelSafe restraint systems provide added security and control to panel removal. With the use of the PanelSafe, a panel can be suspended below the ceiling for convenient servicing behind the panel or controlled removal of the panel. Suitable for use with the PC, LP, VL, MC and SL clip ranges.

Ideal for inspection panels, large and/or heavy ceiling panels. To ensure quality installation and performance, installation and removal tools are available.

Note: custom products have a three week lead time.

**PS-150 PANELSAFE 150MM**

Suspends panel on removable stainless steel wire stropps. Suitable for use in conjunction with any Fastmount ranges. Standard drop length 150mm, with custom lengths available on request. Install with CT-07, CT-03 and CT-10.

See pages 103, 109-110 for more technical details.

**PS-150E PANELSAFE EASY FIT SELF TAPPING 150MM**

Suspends panel on removable stainless steel wire stropps. Suitable for use in conjunction with any of the Fastmount range of clips. Standard drop length 150mm, with custom lengths available on request. Install with CT-10.

See pages 104, 111-112 for more technical details.

**PS-S150E PANELSAFE EASY FIT SURFACE MOUNT 150MM**

Suspends panel on removable stainless steel wire stropps. Suitable for use in conjunction with any of the Fastmount range of clips. Standard drop length 150mm, with custom lengths available on request. Screw or glue fix with a 2 part epoxy to panel.

See pages 105, 111-112 for more technical details.

**PS-SR225S & PS-SR225SS PANELSAFE SEISMIC RESTRAINT**

Seismic restraint available in galvanised or stainless steel with simple screw fix installation. For use with both ceiling and wall panels in high volume applications. Compatible with any range of Fastmount clips. Drop length 225mm.

See pages 107-108, 113-114 for more technical details.

FASTMOUNT TOOLS RANGE

To achieve a quality installation and perfect finish with mounted panels, use the appropriate installation and removal tools below for the different clip ranges.

See install guides and videos for correct use.



CP-01ST STANDARD RANGE CENTRE POINT

Standard Profile centre point with stainless steel tip to mark hole centre in panel for correct clip alignment. Fits 10mm blind hole in panel drilled with CT-09; or into PC-F1A, PC-SF1, PC-RF1 and PC-AF1.



CP-02ST STANDARD RANGE MALE CENTRE POINT

Standard Profile male centre point with stainless steel tip to align holes in panel and frame for correct clip alignment. Fits all Standard Range male parts; also onto Low Profile males LP-M8A, LP-SM8AS, LP-SM8H, LP-SMX.



CP-08ST LOW PROFILE CLIP CENTRE POINT

Low Profile centre point with stainless steel tip to mark hole centre in panel for correct clip alignment. Fits into LP-F8, LP-DF8 and LP-AF8A.



VL-CP3 VERY LOW PROFILE CENTRE POINT

Very Low Profile centre point with stainless steel tip to mark hole centre in panel for correct clip alignment. VL-F3, VL-F3H and VL-F3FR.



MC-CP5 METAL CLIP CENTRE POINT

Metal Clip Range centre point with stainless steel tip to mark hole centre in panel for correct clip alignment. Fits into MC-F5 and MC-F10.



MC-SSCP STAINLESS STEEL CLIP CENTRE POINT

Stainless Steel Clip centre point with three SS tips to mark drill holes in the panel for the outer edge of the clip, as well as an additional hole in the center of the clip, for precise panel alignment and extra strength. Fits into MC-SSM10B.



TC-CP6H TEXTILE RANGE CENTRE POINT

Textile Range centre point with stainless steel tip to mark hole centre in surface for correct clip alignment. Fits into TC-F6H.



VL-SS3 VERY LOW PROFILE STAINLESS STEEL SCREW

Custom type 303 stainless steel screw for fixing VL range clips into panels as thin as 5.5mm. Pozidrive head.



CT-09DG DRILL GAUGE FOR USE WITH CT-09 DRILL BIT

Designed for depth control when blind drilling for Standard and Low Profile Range male clips. Machined aluminium housing, anodised red for durability.

NOTE: Sold separately to CT-09.



CP-SL STRATLOCK RANGE CENTREPOINT

Stratlock Range centrepoint with stainless steel tip to mark hole centre in panel for correct clip alignment. Fits into SL-FA, SL-FB1, SL-FC and SL-SFA.

FASTMOUNT TOOLS RANGE



CT-01 DRILL 10MM WITH SHOULDER

For use with the Standard Profile and Low Profile ranges. For drilling through panel and creating pilot hole for CT-07.



CT-09 PANEL DRILL 10MM FORSTNER TYPE

For use with Standard Profile, Low Profile and Metal ranges. For drilling blind holes into the back of panels.



CT-07 CARBIDE TIP STEP DRILL

For use with Standard Profile clip PC-F1A. Tungsten tip drill with 16.8mm diameter for drilling 10mm hole in frame.



CT-13A CARBIDE TIP STEP DRILL – 16.8 DIA FOR PC-F1A

For use with Standard Profile clip PC-F1A. Carbide tip drill with 16.8 diameter for drilling holes into fibreglass, carbon fibre and kevlar laminates.



CT-15 TAP FOR PC-F1A

For use with Standard Profile clip PC-F1A. Tap tool for tapping thread to fit PC-F1A into fibreglass, aluminium or similar. Either drill hole with CT-13A or drill out 10mm hole with CT-07 then tap with CT-15.



CT-22 TAP FOR MALE TAP FOR MALE SELF-TAPPING CLIPS

For tapping thread into hard materials for male clips, PC-M1B, PC-M2H, PC-VM1, PC-VMX, LP-M8A, MC-M5, MC-F5, MC-F10, PS-150, PS-150E (self tapping male end).



CT-03 INSTALL TOOL FOR PC-F1A

For use with Standard Profile clip PC-F1A. Use to install self tapping female PC-F1A with battery drill on correct torque setting.



CT-10 INSTALL TOOL SELF TAPPING MALE CLIPS (ALUMINIUM)

For use with Standard Profile, Low Profile and Panel Control range. Use to install self tapping male PC-M1B, PC-M2H, PC-VM1, PC-VMX, PS-150, PS-150E and LP-M8A with battery drill on correct torque setting.



CT-19 INSTALL TOOL LOW PROFILE RANGE (ALUMINIUM)

For use with Low Profile range. Aluminium install tool for female clips LP-F8 and LP-DF8 with battery drill on correct torque setting. Ideal for large quantity installations.



CT-12 31MM HSS COUNTERSINK DRILL BIT WITH 10MM SHANK

To be used to countersink entry edge of hole (1-2mm) in hard materials such as MDF, hard plywood, fibre glass, plastic.

Use when drilling holes for PC-M1B, PC-M2H, PC-VM1, PC-VMX, LP-M8A, LP-F8, LP-DF8.

INTRODUCTION

FASTMOUNT TOOLS RANGE



MC-IT5 INSTALL TOOL FOR METAL CLIPS MC-F5 & MC-M5
For use with Metal range. Use to install self tapping male MC-M5, also MC-F5 into plywood or similar with battery drill on correct torque setting.
See install guides and video for correct use.



CT-18DG DRILL GUIDE INSTALLATION JIG FOR PC-RF1
Adjustable drill guide for use with the Standard Profile range. Designed for PC-RF1 mounting options.



CT-05 PANEL REMOVAL TOOL
Stainless steel tool for removing panels. Not for use with painted panels.



CT-05H PANEL REMOVAL TOOL WITH HOOK
Dual purpose reinforced stainless steel panel removal tool with fold down hook for use with lacquered and/or textured panels.



CT-17 PANEL REMOVAL TOOL PAINTED PANEL (GLASS SUCKER 40KG)
Glass suction cup for removal and handling of painted and prefinished panels.
Two glass suckers required for controlled panel removal.



CT-08 YARD KIT 6 TOOLS
Installation tools for Standard Profile range.
Contains CT-01, CT-03, CT-05, CT-07, CT-09 and CT-10 in plastic box.



LP-08Y YARD KIT LOW PROFILE
For use with Low Profile range. Plastic moulded install tool for female clips LP-F8 and LP-DF8 with battery drill on correct torque setting. For standard use.
See install guides and video for correct use.



CT-06S SERVICE KIT
For on-board and on-site maintenance of the Standard Profile range.
Contains 14 x PC-M1B, 4 x PC-M2H, 4 x PC-SM2, 4 x PC-SM2H, CT-10 installation tool and CT-05 panel removal tool.



STANDARD PC RANGE

PC-F1A PRODUCT GUIDE

PC-F1A Self Tapping Female

The versatile self-tapping PC-F1A female clip is designed to be installed into a variety of substrates, and be combined with any of the male clips in the Standard Range. Male clips determine pull-out loads, which range from 2 - 15kg / 33lb per clip set. Refer to Clip Layout Guides for recommended clip spacing.

PC-F1A



USE WITH:

PC-M2H



PC-VM1



PC-SM2



PC-DC1



PC-M1B



PC-VMX



PC-SM2H



PC-SVMX



PC-SM1AC



MATERIAL:

White Acetal copolymer

MORE INFO:

Installation Guide PC-F1A, PC-DC1
Clip Layout Guide TD-02, 09, 12
Panel Offset Guide

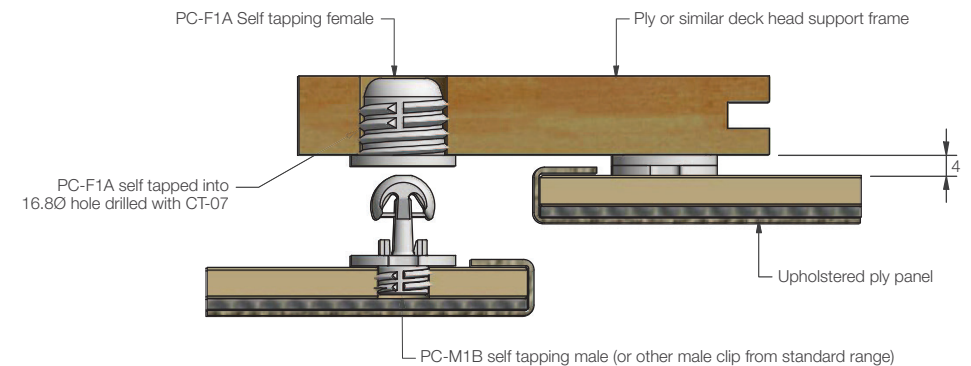
BENEFITS

- Self-aligning installation without adhesives
- Perfect panel alignment and secure mounting every time
- Remove and refit panels in any sequence multiple times
- Saves time and reduces cost
- Option of 2kg, 5kg, 10kg / 22lb / 22lb, or 15kg / 33lb pull out load per clip set
- Allows for flexing and expansion of panel and support frame

APPLICATIONS

- Covered, painted and prefinished panels
- Ceiling and wall panels
- Exterior deckhead panels (marine only)
- Refits and upgrades of existing installations
- Variety of substrates
- Composites and thin-walled panels
- Fits into PC-DC1 for installation into drywall

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

PC-M1B PRODUCT GUIDE

PC-M1B Self-tapping male - 5kg

The self-tapping male PC-M1B is a versatile clip that works with all female clips in the Standard Range, and is suitable for various panel mounting applications. With a 5kg pull out load, the PC-M1B is suitable for small and medium weight wall panels. Refer to Panel Offset Guide for gap between substrate and panel, pull out and shear loads.

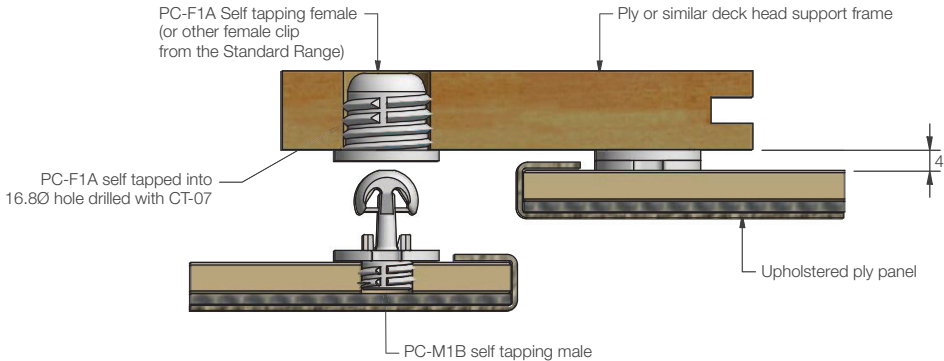


MATERIAL:
White Acetal copolymer

MORE INFO:
Installation Guide PC-F1A, SF1, RF1
Clip Layout Guide TD-02, 09, 12
Panel Offset Guide

- BENEFITS**
- Self-aligning installation without adhesives
 - Perfect panel alignment secure mounting every time
 - Remove and refit panels in any sequence 100+ times
 - Saves time and reduces cost
 - Allows for flexing and expansion of panel and support frame materials
 - 5kg pull out load
- APPLICATIONS**
- Covered or painted panels with minimum 8mm thickness
 - Ceiling and wall panels
 - Refits and upgrades of existing installation
 - Variety of substrates

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

PC-M2H PRODUCT GUIDE

PC-M2H Self Tapping Male - 10kg / 22lb / 22lb

The heavy duty self tapping clip, PC-M2H adds to the Standard Range. Specifically designed for thicker panels with increased loading requirements, where PC-M1B is not strong enough, with a 10kg / 22lb / 22lb pull out load per clip set. Compatible with all female clips in the Standard Range, and installs into panels with a minimum 8mm thickness.

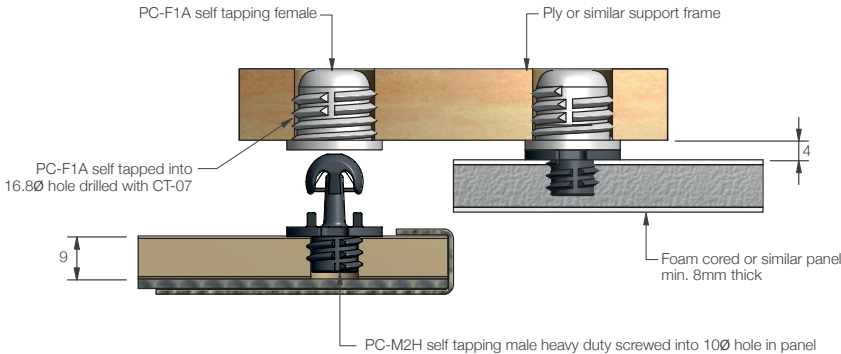


MATERIAL:
Black Acetal copolymer

MORE INFO:
Installation Guide PC-F1A, SF1, RF1
Clip Layout Guide TD-02, 09, 12
Panel Offset Guide

- BENEFITS**
- Self-aligning installation without adhesives
 - Perfect panel alignment secure mounting every time
 - Remove and refit panels in any sequence 100+ times
 - Saves time and reduces cost
 - 10kg pull out load per clip
 - Allows for flexing and expansion of panel and support frame materials
- APPLICATIONS**
- Covered or painted panels with minimum 8mm thickness
 - Ceiling and wall panels
 - Exterior deckhead panels (marine only)
 - Refits and upgrades of existing installation
 - Variety of substrates

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

PC-VM1 & PC-VMX PRODUCT GUIDE

PC-VM1 & PC-VMX Vario Clip Self Tapping male - 5 & 15kg /

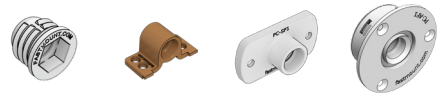
The self-tapping clip PC-VM1 and PC-VMX add to the Standard Range, offering 5kg and 15kg / 33lb pull out loads respectively. Designed for variable gap, high shear strength applications. Variable gap measurements are 6.5mm at first engagement, 4mm at second engagement. Compatible with all female clips in the Standard Range.

PC-VM1



USE WITH:

PC-F1A PC-RF1 PC-SF1 PC-AF1



PC-VMX 15kg



MATERIAL:

White Acetal copolymer/GF Nylon
Black Acetal copolymer/GF Nylon

MORE INFO:

Installation Guide PC-F1A, SF1, RF1
Clip Layout Guide TD-02, TD-08
Panel Offset Guide

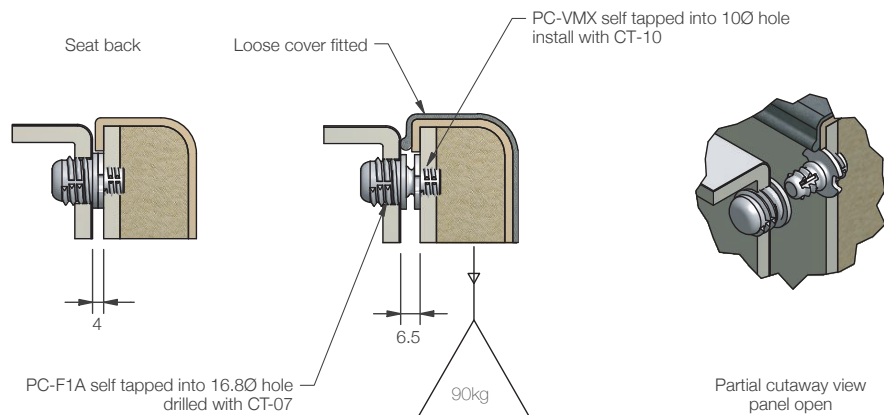
BENEFITS

- Variable clipping depth
- High shear load (See Panel Offset Guide)
- Remove and refit panels in any sequence multiple times
- Perfect panel alignment and secure mounting every time
- 5kg or 15kg / 33lb pull out load per clip
- Durable design for frequent handling

APPLICATIONS

- Seat backs and bases
- Seat backs with removable covers
- Heavy wall panels
- Use in conjunction with Standard Range clips
- Variety of substrates

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

PC-SM2 PRODUCT GUIDE

PC-SM2 Surface Mount Male Adhesive Fix - 5kg

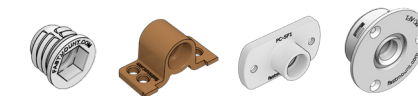
The PC-SM2 surface mount male is designed for use with thin walled panels and where installers prefer an adhesive fix. It is ideal for new composite materials. Patented SuperGroove™ base mechanically engages into a 2 part epoxy on the base for secure mounting. Compatible with all female clips in the Standard Range, and has a 5kg pull out load. Refer to Panel Offset Guide for information about gap between substrate and panel, pull out and shear loads.

PC-SM2



USE WITH:

PC-F1A PC-RF1 PC-SF1 PC-AF1



MATERIAL:

White Acetal copolymer

MORE INFO:

Installation Guide PC-F1A, SF1, RF1
Clip Layout Guide TD-02, 09, 12
Panel Offset Guide

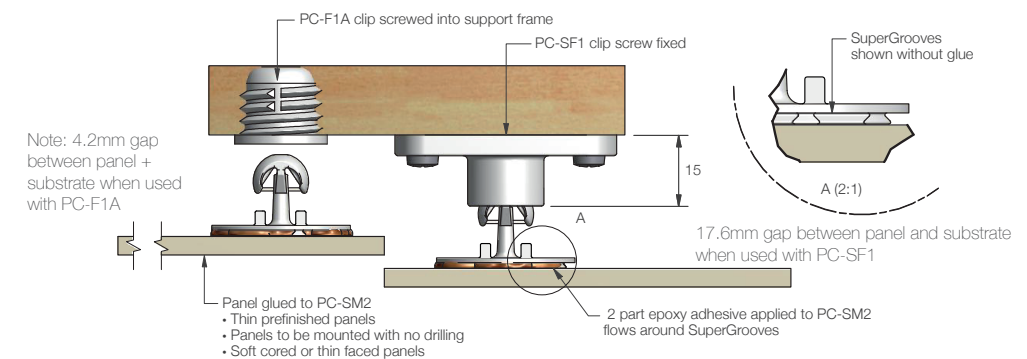
BENEFITS

- Self-aligning secure mounting (5kg per clip)
- Installation requires no special tools or skilled labour
- Use a 2 part epoxy
- No drilling of panels, fast installation
- Works with existing Fastmount clips
- Allows for flexing and expansion of panel and support frame

APPLICATIONS

- Mounting thin walled panels less than 6mm thick
- Soft or honeycomb cored panels with thin facings
- Mounting panels where no drilling is preferred
- Ideal for refit

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

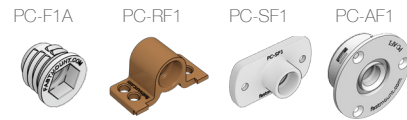
PC-SM2H PRODUCT GUIDE

PC-SM2H Surface Mount Male Adhesive Fix -10kg

The PC-SM2H heavy duty surface mount male is designed for use where installers prefer an adhesive fix, and an increased pull out load. It is ideal for new composite materials. Patented SuperGrooves™ mechanically engage into a 2 part epoxy for secure mounting. Compatible with all female clips in the Standard Range, and has a 10kg / 22lb / 22lb pull out load. Refer to Panel Offset Guide for information about gap between substrate and panel, pull out and shear loads.

PC-SM2H 10kg

USE WITH:



MATERIAL:
Black Acetal copolymer

MORE INFO:
Installation Guide PC-F1A, SF1, RF1
Clip Layout Guide TD-02, 09, 12
Panel Offset Guide

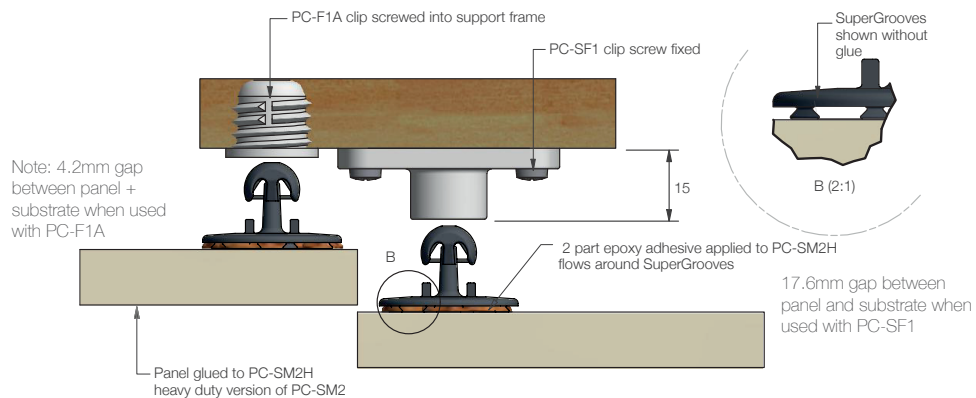
BENEFITS

- Self-aligning secure mounting (min. 10kg per clip)
- Installation requires no special tools
- Uses a 2 part epoxy
- No drilling of panels, fast installation
- Works with existing Fastmount clips
- Allows for flexing and expansion of panel and support frame materials

APPLICATIONS

- Mounting thicker panels with increased loading
- Soft or honeycomb cored panels with thin facings
- Mounting panels where no drilling is preferred
- Ideal for refit

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

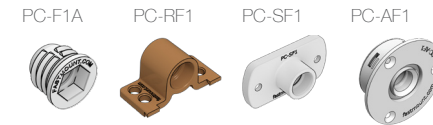
PC-SVMX PRODUCT GUIDE

PC-SVMX Vario Surface Mount Male Screw Fix – 15kg / 33lb

The PC-SVMX adds a high shear strength, extra heavy duty option to the Standard Range with a screw fix installation method, removing the need for special installation tools. With a 15kg / 33lb pull out load, the clip is designed for mounting ceiling or heavyweight wall panels, and has a double detent safety feature providing two stages of clip engagement into the female clip. Can be paired with the PC-SF1, PC-RF1 and PC-AF1 for panel installation without special tools and is also compatible with the PC-F1A. The PC-SVMX features an inbuilt location point on the back of the clip which allows the installer to mark the male clip location on the panel without using a centrepoint (note: use CP-01ST with very hard panels e.g. HPL). See installation guide for more details.

PC-SVMX 15kg

USE WITH:



MATERIAL:
Black GF Nylon

MORE INFO:
Installation Guide PC-F1A, SF1, RF1
Clip Layout Guide TD-02, 09, 12
Panel Offset Guide

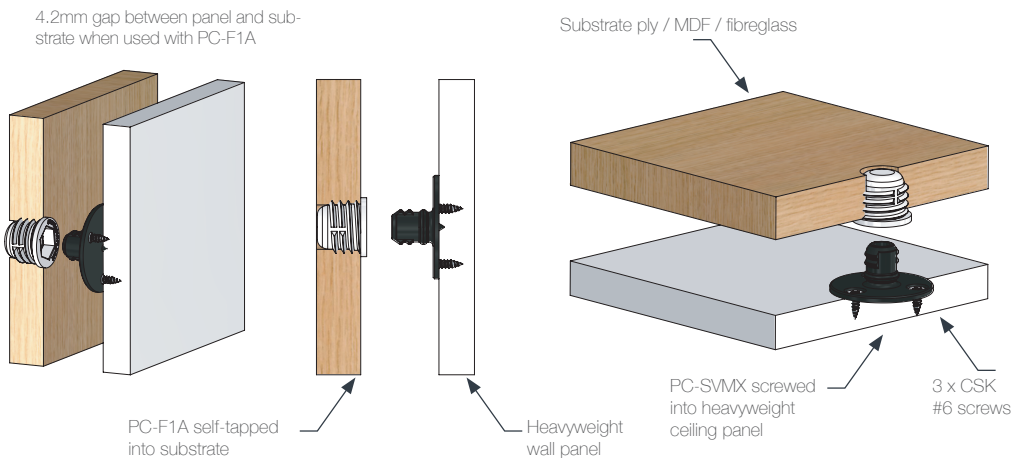
BENEFITS

- Invisible panel fixing
- No special tools required for installation
- Extra heavy duty 15kg / 33lb pull out load
- 100kg shear load
- Durable head shape, ideal for pre-fabrication
- Perfect panel alignment
- Rapid installation
- In-built centrepoint
- CNC machine compatible

APPLICATIONS

- Heavyweight wall panels
- Ceiling panels
- Pre-fabricated panels
- Architectural interiors
- Marine interiors

INSTALLATION: Partially exploded through section showing typical installation method



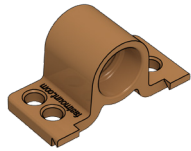
STANDARD PC RANGE

PC-RF1 PRODUCT GUIDE

PC-RF1 Side Mount Female Screw Fix

The PC-RF1 is ideal for applications that require side mounting, such as refit, cabinet construction or securing floor panels. This versatile screw-fixed clip works with all male clips from the Standard Range. Compatible with all male clips in the Standard Range (pull out load depends on male clip used). Refer to Panel Offset Guide for information about gap between substrate and panel, pull out and shear loads.

PC-RF1



USE WITH:

PC-M1B

PC-VM1

PC-SM2



PC-M2H

PC-VMX

PC-SVMX

PC-SM2H



MATERIAL:
Brown Acetal copolymer

MORE INFO:
Installation Guide PC-RF1
Clip Layout Guide TD-02, 09, 12
Panel Offset Guide

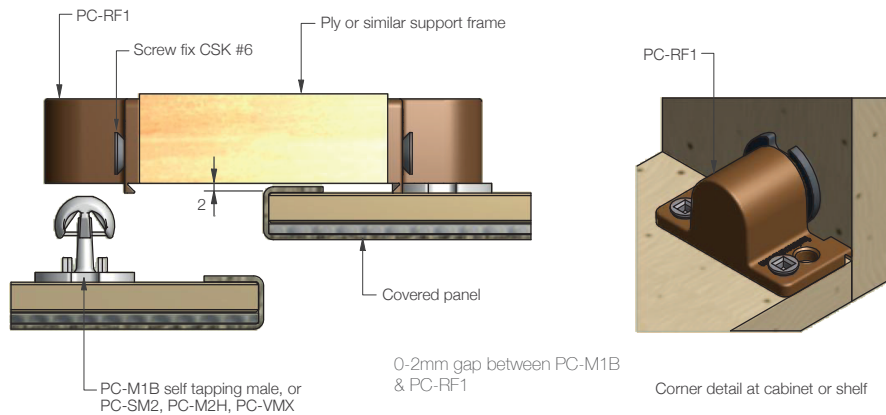
BENEFITS

- Side mounting
- Installation requires no special tools
- Screw fixed to frame
- Several mounting options
- Compatible with all male Standard Range clips
- Allows for flexing and expansion of panel and support

APPLICATIONS

- Ceiling and wall panels
- Cabinet assembly and shelf support
- Refits and upgrades of existing installations
- Variety of substrates
- Floor panels
- Inspection hatches

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

PC-SM1AC PRODUCT GUIDE

PC-SM1AC Acoustic Surface Mount Male Adhesive Fix - 2kg

The PC-SM1AC surface mount male is designed for use with acoustic or extremely lightweight panels and has a 2kg pull out load. The acoustic male clip can be bonded to the panel using a 2 part epoxy or in the case of polyester fibre composition acoustic panels, hot melt glue. Compatible PC-F1A, PC-SF1 and PC-AF1. Refer to Panel Offset Guide for information about gap between substrate and panel, pull out and shear loads.

PC-SM1AC



USE WITH:

PC-F1A

PC-SF1

PC-AF1



MATERIAL:
Translucent Super flexible copolymer

MORE INFO:
Installation Guide PC-F1A, SF1, AF1
Clip Layout Guide TD-02, 09, 12
Panel Offset Guide

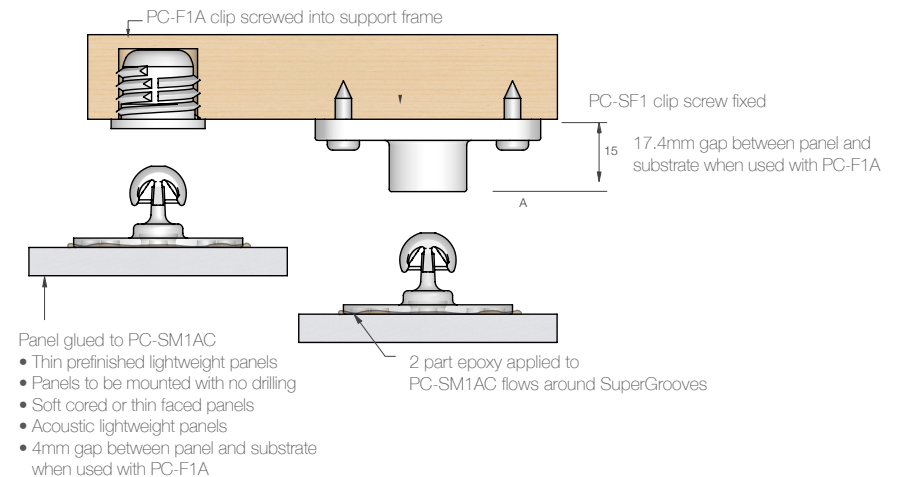
BENEFITS

- Self-aligning secure mounting (2kg pull out load)
- Installation requires no special tools
- Uses a 2 part epoxy or hot melt glue
- No drilling of panels
- Works with existing Fastmount female clips in the Standard Range
- Allows for flexing and expansion of panel and substrate frame
- Invisible fixings – no damage to face of panel
- Ability to remove and reinstall non-sequentially rapidly

APPLICATIONS

- Mounting extremely lightweight panels or acoustic panels
- Soft, low density panels - polyester fibre type, foam.
- Ideal for office retro-fits

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

PC-AF1 PRODUCT GUIDE

PC-AF1 Autofit Female

The Fastmount autofit PC-AF1 is ideal for applications that require lateral adjustment, such as curved panels. This versatile screw-fixed clip is compatible with all male clips in the Standard Range (pull out load depends on male clip used). Refer to Panel Offset Guide for information about gap between substrate and panel, pull out and shear loads.

PC-AF1



USE WITH:

PC-M1B

PC-VM1

PC-M2H

PC-VMX

PC-SM2

PC-SM2H

PC-SVMX

PC-SM1AC



BENEFITS

- Lateral panel adjustment in all directions
- Installation requires no special tools
- Push fit into 35Ø hole
- Several mounting options
- Compatible with Standard Range male clips

APPLICATIONS

- Complex shaped panels where lateral adjustment is required
- Ceiling and wall panels
- Mounting of curved panels
- Variety of substrates
- Moulded into hull

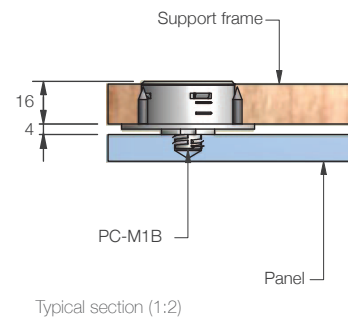
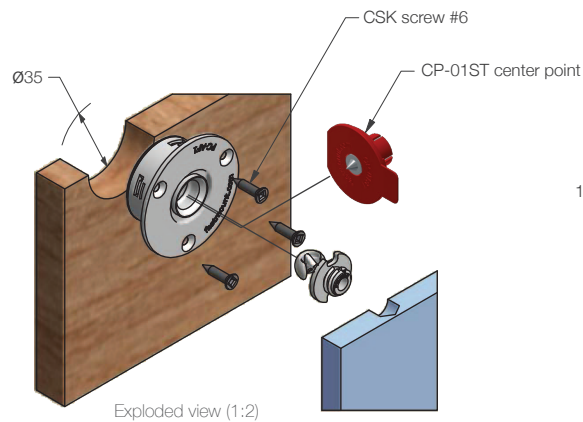
MATERIAL:

White Acetal copolymer

MORE INFO:

Clip Layout Guide - TD-02, 09, 12
Panel Offset Guide

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

PC-SF1 PRODUCT GUIDE

PC-SF1 Surface Mount Female Screw Fix

The PC-SF1 surface mount female has been designed specifically for use where a cavity is required or where installers prefer a screw-fixed mounting. Compatible with all male clips in the Standard Range (pull out load depends on male clip used). Refer to Panel Offset Guide for information about gap between substrate and panel, pull out and shear loads.

PC-SF1



USE WITH:

PC-M1B

PC-VM1

PC-M2H

PC-VMX

PC-SM2

PC-SM2H

PC-SVMX

PC-SM1AC



BENEFITS

- Several mounting options
- Screw fixed to support frame
- Installation requires no special tools
- Works with Standard Range Fastmount clips
- Allows for flexing and expansion of panel and support frame

APPLICATIONS

- Mounting onto aluminium frames
- Mounting onto fire-rated cabins
- Mounting panels where a cavity between panel and frame is required
- PC-SF1 can be used on panel or support frame side

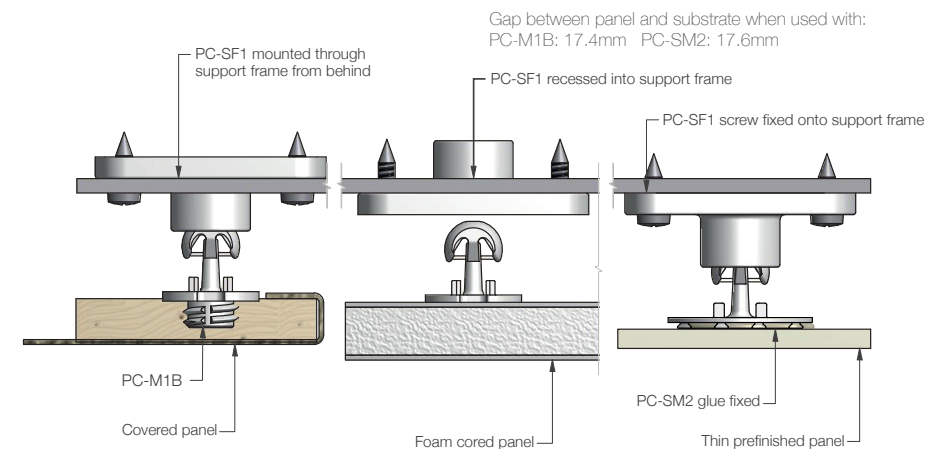
MATERIAL:

White Acetal copolymer

MORE INFO:

Installation Guide PC-SF1
Clip Layout Guide TD-02, 09, 12
Panel Offset Guide

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

PC-DC1 PRODUCT GUIDE

PC-DC1 Female Anchor

The PC-DC1 is an adjustable female anchor which houses the PC-F1A to enable efficient mounting into drywall or concrete substrates. Features a self-tapping installation for drywall and the option rubber hammer-set into predrilled hole in concrete or brick. Allows transverse adjustment on uneven substrates to create a level-mounting surface. Once PC-F1A is installed into the PC-DC1, the set can be used with any male clip in the Standard Range. Refer to Panel Offset Guide for information about gap between substrate and panel, pull out and shear loads.

PC-DC1



PAIRS WITH:
PC-F1A



USE WITH:

PC-M1B



PC-VM1



PC-M2H



PC-VMX




PC-SM2



PC-SM2H



PC-SVMX



PC-SM1AC



MATERIAL:
White Acetal copolymer

MORE INFO:
Installation Guide PC-DC1
Clip Layout Guide TD-09
Panel Offset Guide

BENEFITS


- Quick to install
- No framework required when mounting to concrete walls
- Adjustable gap between wall and panel (4.5mm - 10.5mm) depending on PC-F1A adjustment
- Minimal standoff of 4.5mm between wall and panel
- Transverse adjustment allows ability to level wall quickly
- Allows flexibility of use of 6 male options depending on panel weight and size (2kg - 15kg / 33lb pull out load)
- Remove and refit panels in any sequence time after time

APPLICATIONS


- Stone/ concrete/ brick walls
- Drywall/ plasterboard
- Interior refurbishment of existing block wall
- Applying acoustic panels to block wall
- Applying various panel types to concrete or drywall

INSTALLATION: Partially exploded through section showing typical installation method


PC-DC1 self-tapped into 24mm hole in drywall




PC-F1A installed into PC-DC1 showing transverse adjustment




PC-M1B self-tapped into decorative panel




PC-DC1 installed into 26mm hole in concrete wall



PC-F1A installed into PC-DC1 showing transverse adjustment



PC-M1B self-tapped into decorative panel




STANDARD PC RANGE

PC-F1A INSTALLATION GUIDE


PC-F1A Self Tapping Female

PC-F1A




USE WITH:


PC-M1B




PC-VM1




PC-M2H




PC-VMX




PC-SM2




PC-SVMX



PC-SM2H




PC-SM1AC




INSTALL WITH:


CT-01




CT-07



CT-03

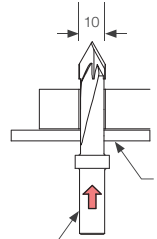


CT-10



INSTALLATION STEPS FOR UPHOLSTERED PANELS

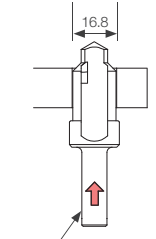
1 Drill hole through panel and frame



CT-01

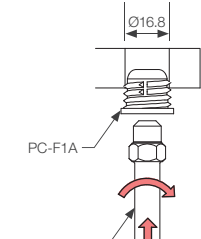
Panels temporarily fixed in place, sent for covering after drilling

2 Drill out frame hole with CT-07



CT-07

3 Screw fit PC-F1A with CT-03. Use battery drill with clutch set.



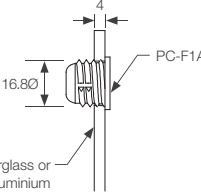
PC-F1A

CT-03

NB. CT-12 to CSK hole edge in hard material (1-2mm)

4 Screw fit PC-F1A into thin frame

PC-F1A can be used as screw / friction fit into thin frames and seat backs

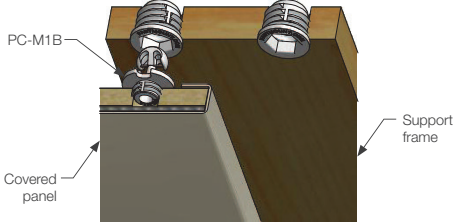


PC-F1A

Fiberglass or Aluminium

NB. CT-12 to CSK hole edge in hard material (1-2mm)

5 Cutaway view showing panel mounting



PC-F1A

PC-M1B



Covered panel

Support frame

STANDARD PC RANGE

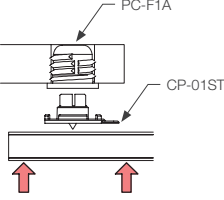
PC-F1A INSTALLATION GUIDE

PC-F1A Self Tapping Female

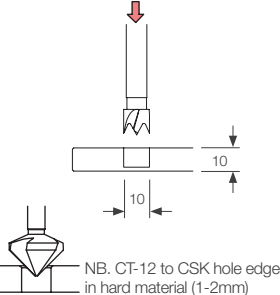
PC-F1A	USE WITH:	INSTALL WITH:
	PC-M1B  PC-VM1  PC-M2H  PC-VMX 	CP-01ST  CT-09  CT-07  CT-10 
	PC-SM2  PC-SVMX  PC-SM2H  PC-SM1AC 	

INSTALLATION STEPS FOR PAINTED OR PREFINISHED PANELS (First complete steps 1 to 3, page 1)

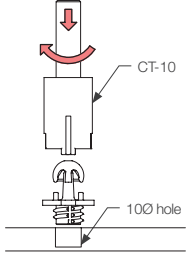
1 Fit CP-01ST into PC-F1A then push panel to mark center



2 Drill panel on center mark with CT-09 6mm deep for PC-M1B, 8mm deep for PC-VM1, PC-VMX, PC-M2H

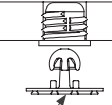


3 Screw fit male clip with CT-10. Use battery drill with clutch set.



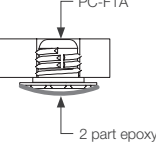
INSTALLING ADHESIVE FIT MALE CLIPS (FIRST COMPLETE STEPS 1 TO 3, PAGE 1)

4 Clip PC-SM2 into PC-F1A



PC-SM2 or PC-SM2H

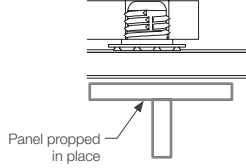
5 Apply adhesive to PC-SM2



PC-F1A

2 part epoxy

5 Place panel and support while adhesive dries













Panel propped in place

STANDARD PC RANGE

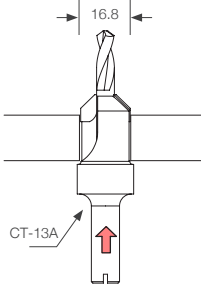
PC-SVMX INSTALLATION GUIDE

PC-SVMX Surface Mount Male Screw Fix - 15kg / 33lb

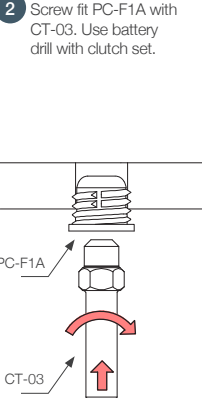
PC-SVMX	USE WITH:	INSTALL WITH:
	PC-F1A  PC-SF1 	3 x #6 screw  CT-13A  CT-03  CT-05  CT-05H 
	PC-RF1  PC-AF1 	

INSTALLATION STEPS

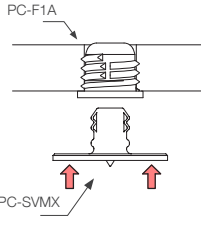
1 Drill CT-13A through frame or substrate



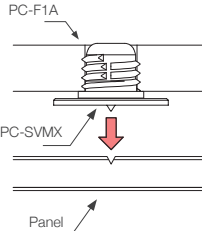
2 Screw fit PC-F1A with CT-03. Use battery drill with clutch set.



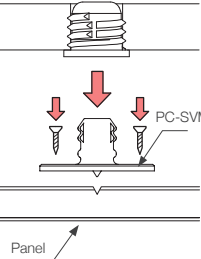
3 Clip PC-SVMX into PC-F1A to mark male clip location on panel. If using hard panels e.g. HPL, use CP-01ST to mark location.



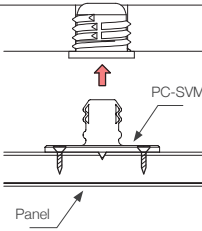
4 Press panel onto PC-SVMX to mark male clip position on panel.

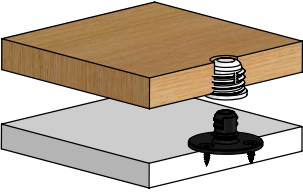


5 Un-clip PC-SVMX from PC-F1A using CT-05, position PC-SVMX in mark and install with 3 x #6 screws



6 Clip panel into place.

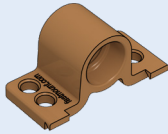




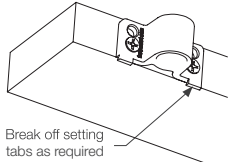
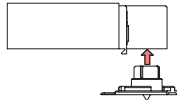
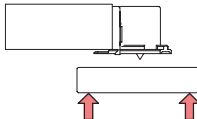
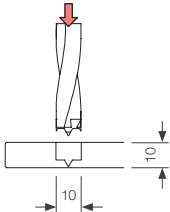
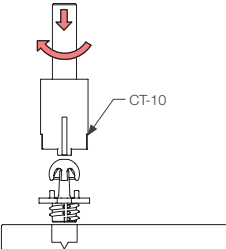
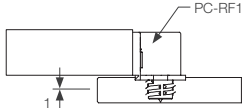
STANDARD PC RANGE

PC-RF1 INSTALLATION GUIDE

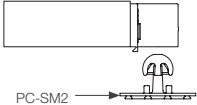
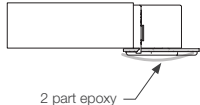
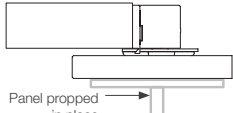
PC-RF1 Side Mount Female

PC-RF1 	USE WITH: PC-M1B PC-VM1 PC-M2H PC-VMX PC-SM2 PC-SVMX PC-SM2H	INSTALL WITH: CP-01ST CT-09 CT-10 CT-18DG
---	---	---

INSTALLATION STEPS

1 Screw fit PC-RF1 to side of frame 	2 Fit CP-01ST into PC-RF1 	3 Press panel onto CP-01ST to mark 
4 Drill panel on mark with CT-09 	5 Screw fit male clip with CT-10 	6 Panel clipped in place 

OPTION WITH ADHESIVE FIT MALE (COMPLETE STEP ABOVE)

A Clip PC-SM2 into PC-RF1 	B Apply adhesive to PC-SM2 	C Place panel and support while adhesive dries 
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MORE INFO: Clip Layout Guide TD-02

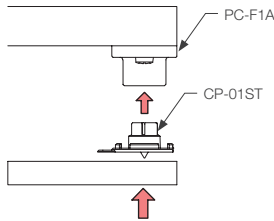
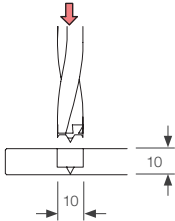
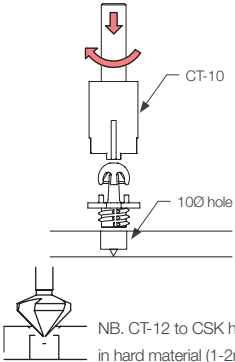
STANDARD PC RANGE

PC-SF1 INSTALLATION GUIDE

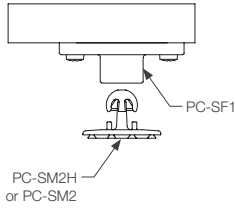
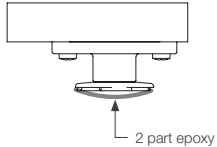
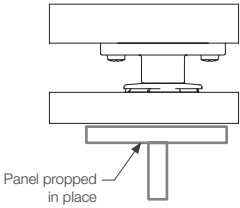
PC-SF1 Surface Mount Female

PC-SF1 	USE WITH: PC-M1B PC-VM1 PC-M2H PC-VMX PC-SM2 PC-SVMX PC-SM2H PC-SM1AC	INSTALL WITH: CP-01ST CT-09 CT-10
--	--	---

INSTALLATION STEPS

1 Fit CP-01ST into PC-SF1 then push panel to mark center 	2 Drill panel on center mark with CT-09 7.5mm deep 	3 Screw fit male clip with CT-10. Use battery drill with clutch set. 
--	--	---

INSTALLING ADHESIVE FIT MALE CLIPS (FIRST COMPLETE STEPS 1, PAGE 1)


4 Clip PC-SM2 into PC-SF1 	5 Apply adhesive to PC-SM2 	6 Place panel and support while adhesive dries 
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MORE INFO: Clip Layout Guide TD-02

STANDARD PC RANGE

PC-SF1 INSTALLATION GUIDE

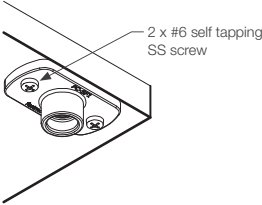
PC-SF1 Surface Mount Female



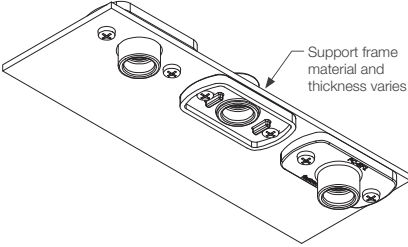
USE WITH:	INSTALL WITH:
PC-M1B PC-VM1 PC-M2H PC-VMX	Screw or rivet
PC-SM2 PC-SVMX PC-SM2H PC-SM1AC	

INSTALLATION STEP OPTIONS

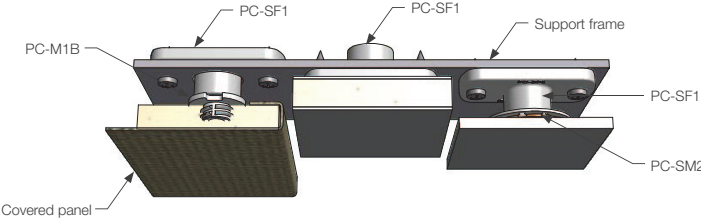
1 Screw fix PC-SF1 to frame



2 Options for mounting PC-SF1 to support frame



3 Options for mounting PC-SF1 to support frame and male clip and panel types




MORE INFO: Clip Layout Guide TD-02

STANDARD PC RANGE

PC-DC1 INSTALLATION GUIDE

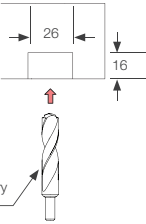
PC-DC1 Female Anchor - Concrete



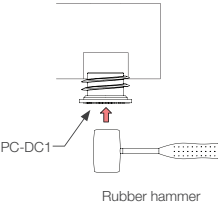
USE WITH:	INSTALL WITH:
PC-F1A PC-M1B PC-VM1 PC-SM2	26mm masonry drill Rubber hammer CP-01ST CT-03 CT-09 CT-09DG
PC-M2H PC-VMX PC-SVMX PC-SM2H PC-SM1AC	

INSTALLATION STEPS FOR CONCRETE

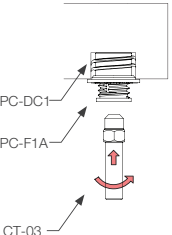
1 Drill 26mm hole, 16mm deep



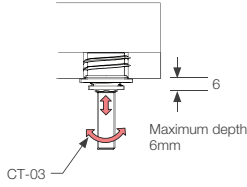
2 Hammer-set flush



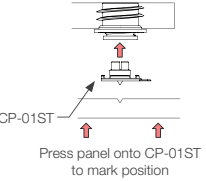
3 Screw PC-F1A into PC-DC1



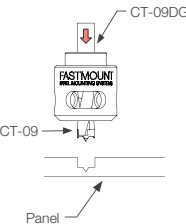
4 Adjust depth to suit



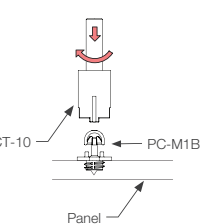
5 Fit CP-01ST into PC-F1A

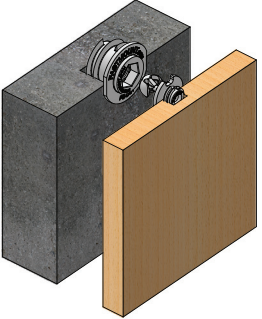


6 Drill out mark on panel with CT-09



7 Screw fit male clip with CT-10





Cross section of PC-DC1, PC-F1A & PC-M1B installed

STANDARD PC RANGE

PC-DC1 INSTALLATION GUIDE

PC-DC1 Female Anchor - Drywall

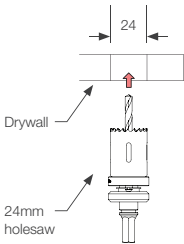


USE WITH:	INSTALL WITH:
<div>PC-F1A</div> <div>PC-M1B</div> <div>PC-VM1</div> <div>PC-SM2</div>	<div>24mm hole saw</div> <div>CP-01ST</div> <div>CT-03</div> <div>CT-09</div> <div>CT-09DG</div>
<div>PC-M2H</div> <div>PC-VMX</div> <div>PC-SVMX</div> <div>PC-SM2H</div> <div>PC-SM1AC</div>	

INSTALLATION STEPS FOR DRYWALL

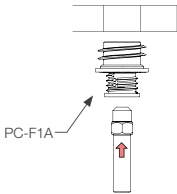
1

Drill 24mm hole into drywall



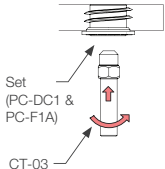
2

Screw PC-F1A into PC-DC1 using CT-03



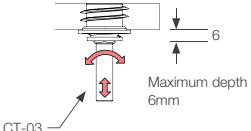
3

Screw set into drywall using low clutch setting and speed



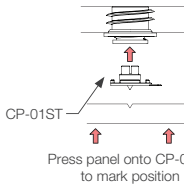
4

Adjust depth to suit



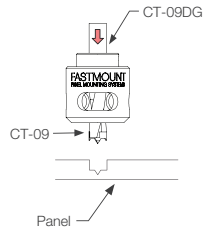
5

Fit CP-01ST into PC-F1A



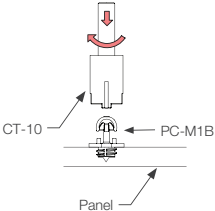
6

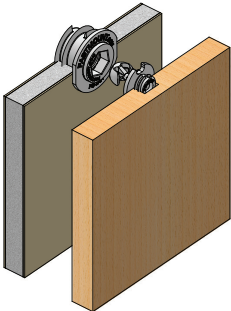
Drill out mark on panel with CT-09



7

Screw fit male clip with CT-10





Cross section of PC-DC1, PC-F1A & PC-M1B installed

LOW PROFILE LP RANGE

LP-F8 PRODUCT GUIDE

LP-F8 Low Profile Self Tapping Female

The LP-F8 self-tapping female is designed for fitting into substrates with min. 9mm thickness. Compatible with all female clips in the Low Profile Range (pull out load determined by male clip used. Refer to Panel Offset Guide for gap between substrate and panel, pull out and shear loads.



USE WITH:

LP-M8A

LP-SM8AS

LP-SM8H

LP-SMX

MATERIAL:

White Acetal copolymer

MORE INFO:

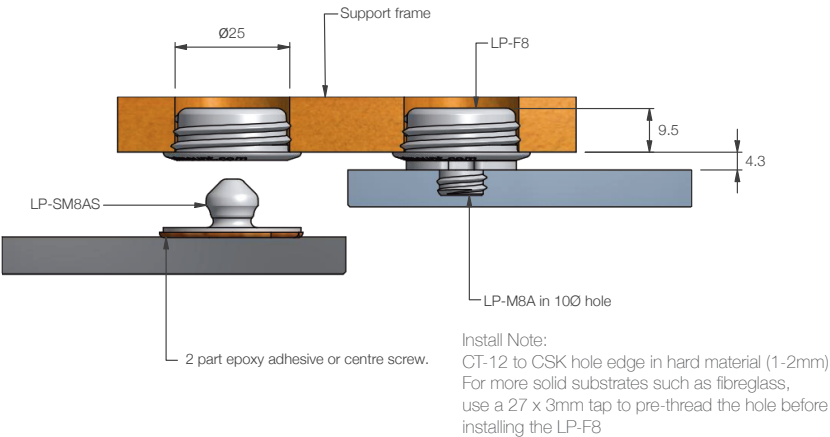
Installation Guide LP-F8

Clip Layout Guide TD-02, TD-08

Panel Offset Guide

- BENEFITS**
- Hidden fixing
 - Self taps into substrates from 9mm thick
 - Perfect panel alignment and secure mounting every time
 - Remove and refit panels in any sequence multiple times
 - 5kg or 15kg / 33lb pull out load per clip
 - Allows for flexing and expansion of panel and support frame
- APPLICATIONS**
- Suitable for covered, painted and prefinished panels
 - Suitable for carbon/ foam core substrates
 - Refits and upgrades of existing installations
 - Bedheads, artwork
 - Composites and thin-walled panels

INSTALLATION: Partially exploded through section showing typical installation method

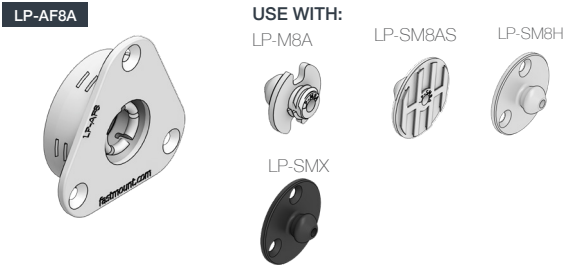


LOW PROFILE LP RANGE

LP-AF8A PRODUCT GUIDE

LP-AF8A Low Profile Autofit Female

The LP-AF8A female clip provides 360 degree lateral adjustment, fitting into a 35Ø hole. The LP-AF8A mounts into a variety of substrates, and is compatible with all male clips in the Low Profile Range. Refer to Panel Offset Guide for gap between substrate and panel, pull out and shear loads.



MATERIAL:
White Acetal copolymer

MORE INFO:
Layout Guide TD-02, TD-08
Panel Offset Guide

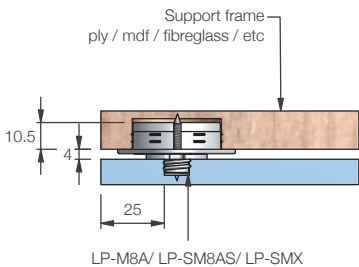
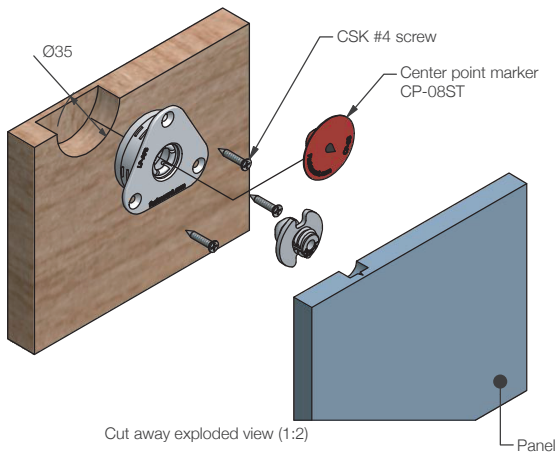
BENEFITS

- Hidden fixing with 8mm lateral adjustment
- Screw or glue into plywood min. 9mm thick
- Perfect panel alignment and secure mounting every time
- Remove and refit panels in any order multiple times
- 5kg or 15kg / 33lb pull out load per clip
- Allows for flexing and expansion of panel and support frame

APPLICATIONS

- Covered or painted and prefinished panels
- Curved panels
- Refits and upgrades of existing installations
- Where installation tolerance is required
- Can be moulded into fibreglass
- Moulded into hull

INSTALLATION: Partially exploded through section showing typical installation method



Typical section (1:2)

LOW PROFILE LP RANGE

LP-DF8 PRODUCT GUIDE

LP-DF8 Tapping Coarse Thread Female

The LP-DF8 is specifically designed for soft core material such as drywall. A wide thread self-taps securely into plasterboard (drywall). Compatible with LP-M8A and LP-SM8AS. Not for use with LP-SMX due to high pull out load. Refer to Panel Offset Guide for gap between substrate and panel, pull out and shear loads.



MATERIAL:
White Acetal copolymer

MORE INFO:
Installation Guide LP-DF8
Clip Layout Guide TD-02, TD-08
Panel Offset Guide

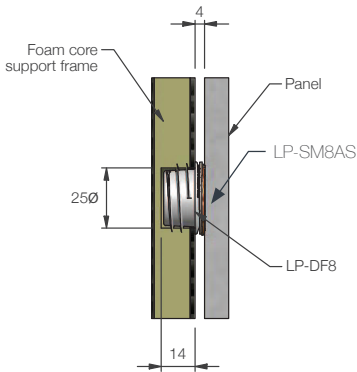
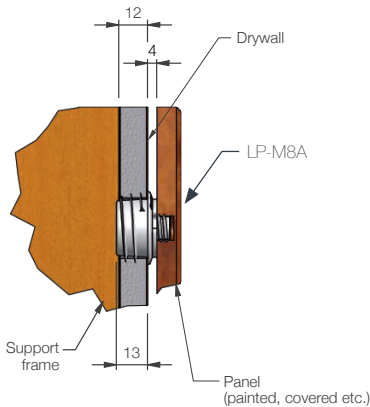
BENEFITS

- Hidden fixing
- Self taps into drywall plasterboard min. 10mm thick
- Perfect panel alignment with secure mounting every time
- Remove and refit panels in any sequence multiple times
- 5kg pull out load per clip
- Allows for flexing and expansion of panel

APPLICATIONS

- Covered or painted and prefinished panels
- Acoustic panels
- Refits and upgrades of existing installations
- Bed heads, artwork

INSTALLATION: Partially exploded through section showing typical installation method



LOW PROFILE LP RANGE

LP-SMX PRODUCT GUIDE

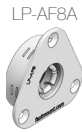
LP-SMX Surface Mount Male Screw Fix – 15kg / 33lb

The LP-SMX clip adds an extra heavy-duty option to the Low Profile Range. With a 15kg / 33lb pull out load, the clip is designed for use with heavyweight panels, and is compatible with the LP-F8, and LP-AF8A. The surface mount clip installs easily with 3 x countersink #6 screws, removing the need for special tools for installation. Ideal for large and heavyweight panels with limited panel depth. NOTE: Should not be used with LP-DF8 installing into drywall substrate, due to strength of the clip. Refer to Panel Offset Guide for gap between substrate and panel, pull out and shear loads.

LP-SMX 15kg



USE WITH:



MATERIAL:
Black GF Nylon

MORE INFO:
Installation Guide LP-SM8H
Layout Guide TD-02, TD-08
Panel Offset Guide

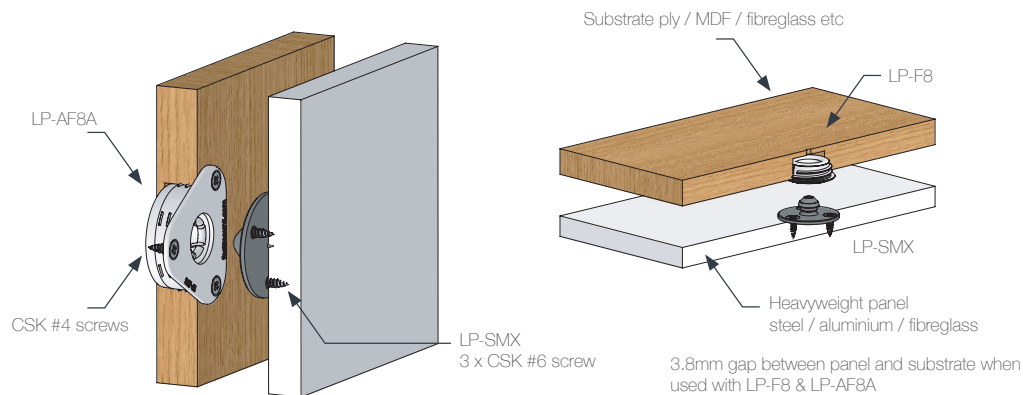
BENEFITS

- Invisible panel fixing
- Installs with 3 x #6 countersink screws
- No special tools required
- 15kg pull out load per clip
- Durable design for frequent handling
- Enables non-sequential panel installation
- CNC machine compatibility
- 4mm clearance between panel and substrate
- Screw fix enables installation into wide variety of panel types

APPLICATIONS

- Heavyweight wall panels with minimal depth
- Interior panels
- Ceiling panels
- Moulded into hull
- Marine and architectural applications
- Steel, aluminium or fibreglass panels

INSTALLATION: Partially exploded through section showing typical installation method



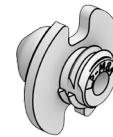
LOW PROFILE LP RANGE

LP-M8A PRODUCT GUIDE

LP-M8A Self Tapping Male - 5kg

The LP-M8A is a male low profile self-tapping clip designed to mount easily into plywood and MDF panels. Compatible with the LP-F8, LP-DF8 and LP-AF8A, the LP-M8A allows mounting of panels into a variety of substrate types, including plasterboard. Refer to Panel Offset Guide for gap between substrate and panel, pull out and shear loads.

LP-M8A



USE WITH:

LP-F8

LP-DF8



LP-AF8A



MATERIAL:
White Acetal copolymer

MORE INFO:
Installation Guide LP-F8
Layout Guide TD-02, TD-08
Panel Offset Guide

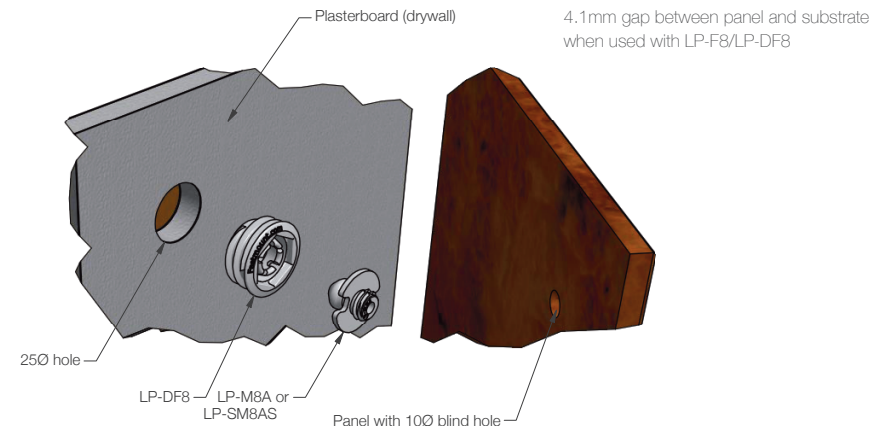
BENEFITS

- Invisible fixing to enhance panel appearance
- Self taps into plywood or MDF with minimum 6 mm thickness
- 5kg pull out load per clip set
- Remove and replace panels in any sequence 500+ times
- 4mm clearance between panel and substrate
- CNC machine compatibility
- Acoustic isolation

APPLICATIONS

- Wall panels
- Lightweight ceiling panels
- Covered, painted and prefinished panels
- Interior panels
- Bedheads, artwork

INSTALLATION: Partially exploded through section showing typical installation method



LOW PROFILE LP RANGE

LP-SM8AS PRODUCT GUIDE

LP-SM8AS Surface Mount Male Adhesive Fix - 5kg

The LP-SM8AS is a male low profile clip with a surface mount installation. Featuring Fastmount's patented SuperGroove base, the grooves mechanically engage into the a 2 part epoxy to create a bond that supports a 5kg pull out load. Ideal for thin panels or panels where drilling into the surface is not possible. The clip also offers an option to screw fix directly through the head for rapid installation. Mounts into LP-F8, LP-DF8 and LP-AF8A female clips. Refer to Panel Offset Guide for gap between substrate and panel, pull out and shear loads.

LP-SM8AS



USE WITH:



MATERIAL:

White Acetal copolymer

MORE INFO:

Installation Guide LP-F8
Clip Layout Guide TD-02, TD-08
Panel Offset Guide

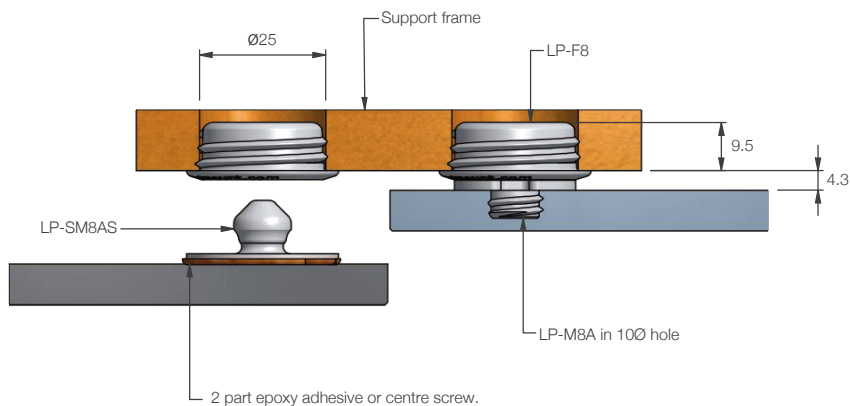
BENEFITS

- No special tools required for installation
- Adhesive or screw fix
- 5kg pull out load
- 4.3mm clearance between panel and substrate
- CNC machine compatibility
- Acoustic isolation

APPLICATIONS

- Thin wall panels
- Lightweight ceiling panels
- Covered, painted or prefinished panels
- Interior panels
- Refit and upgrade work

INSTALLATION: Partially exploded through section showing typical installation method



LOW PROFILE LP RANGE

LP-SM8H PRODUCT GUIDE

LP-SM8H Surface Mount Male Screw Fix – 10kg / 22lb / 22lb

The LP-SM8H adds a mid-range option to the Low Profile Range. With a 10kg / 22lb / 22lb pull out load, the clip is designed for use with plywood or MDF panels that are between 9-16mm thick, or aluminium honeycomb panels, and is compatible with the LP-F8, LP-DF8 or LP-AF8A. The surface mount clip installs easily with 3 x countersink #6 screws, removing the need for special tools for installation. Ideal for large panels with limited panel depth. Refer to Panel Offset Guide for gap between substrate and panel, pull out and shear loads. Note: Minimum 13mm thick drywall to be used with LP-DF8 when using LP-SM8H on panels.

LP-SM8H 10kg



USE WITH:



MATERIAL:

White Acetal copolymer

MORE INFO:

Installation Guide LP-SM8H
Layout Guide TD-02, TD-08
Panel Offset Guide

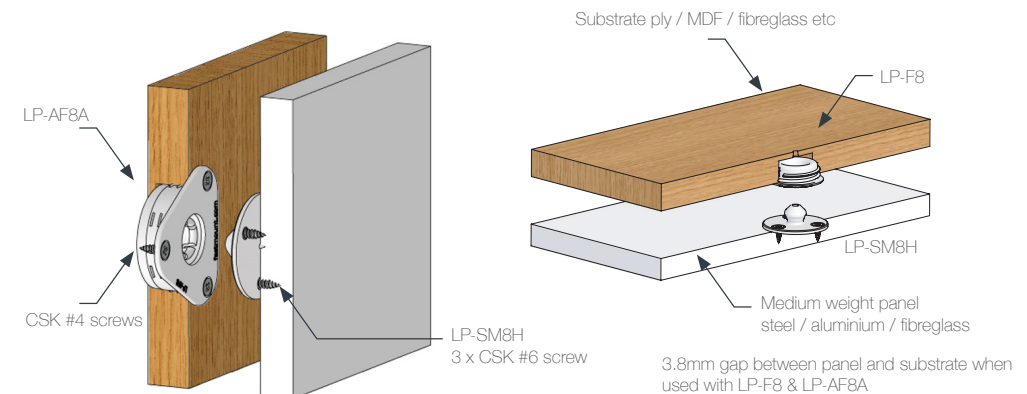
BENEFITS

- Invisible panel fixing
- Installs with 3 x #6 countersink screws
- No special tools required
- 10kg pull out load per clip
- Durable design for frequent handling
- Enables non-sequential panel installation
- CNC machine compatibility
- 4mm clearance between panel and substrate
- Screw fix enables installation into wide variety of panel types
- Self-centring - no need for a centrepoint (CP-08ST)

APPLICATIONS

- Plywood or MDF panels 9-16mm thick
- Interior panels
- Ceiling panels
- Aluminium honeycomb panels
- Moulded into hull
- Marine and architectural applications

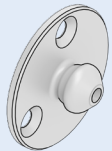
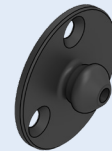



INSTALLATION: Partially exploded through section showing typical installation method



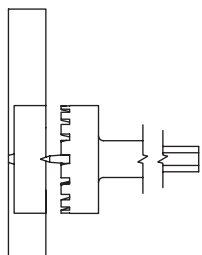
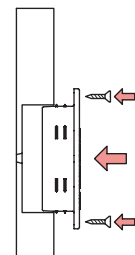
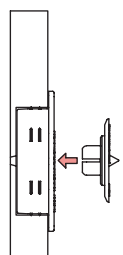
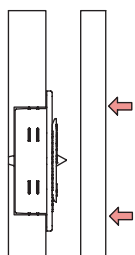
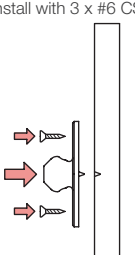
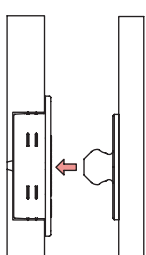
LOW PROFILE LP RANGE

LP-SM8H & LP-SMX INSTALLATION GUIDE

LP-SM8H & LP-SMX Surface Mount Male Screw Fix – 10kg / 22lb / 22lb & 15kg

LP-SM8H	LP-SMX	USE WITH:	INSTALL WITH:
		 	 3 x #6 countersink screws For installation into LP-F8, follow steps 1-4 on LP-F8 install guide.



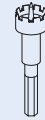

INSTALLATION STEPS

1 Drill out 35Ø hole in substrate 	2 Press LP-AF8A into drilled hole, fix with 3x #4 CSK screw 	3 Fit CP-08ST into LP-AF8A 
4 Press panel onto CP-08ST to mark clip position 	5 Locate LP-SMX or LP-SM8H into marked position on panel, install with 3 x #6 CSK screws 	6 Align panel and press firmly to engage clips 

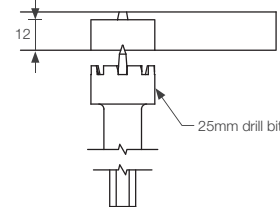
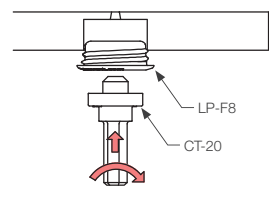
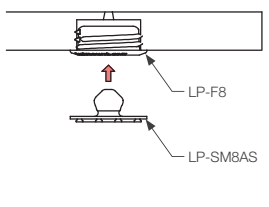
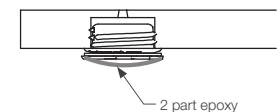
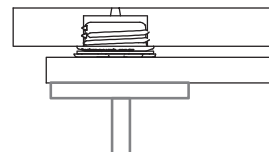
LOW PROFILE LP RANGE

LP-F8 & LP-SM8A INSTALLATION GUIDE

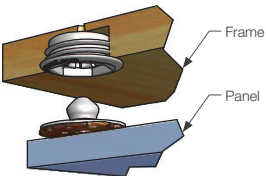
LP-F8 & LP-SM8A Self tapping female and surface mount male

LP-F8	USE WITH:	INSTALL WITH:
		 

INSTALLATION STEPS Using LP-SM8AS - adhesive fix option

1 Drill 25Ø hole in frame 	2 Screw LP-F8 into frame, use battery drill with clutch set. 	3 Fit LP-SM8AS into LP-F8 
4 Adhesive to LP-SM8AS 	5 Drill panel on mark with CT-09  Place panel in position, and support while adhesive dries	

A Cutaway view of installed clip (panel removed)



Install Note: CT-12 to CSK hole edge in hard material (1-2mm)








For more solid substrates such as fibreglass, use a 27 x 3mm tap to pre-thread the hole before installing the LP-F8

MORE INFO: Clip Layout guide TD-02 & TD-08

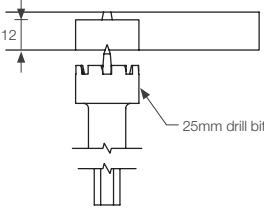
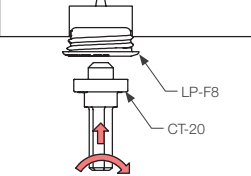
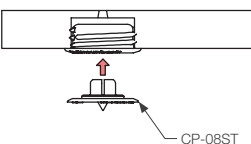
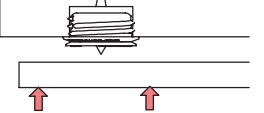
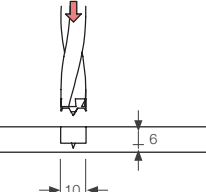
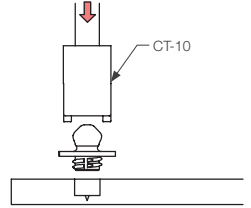
LOW PROFILE LP RANGE

LP-F8 & LP-M8A INSTALLATION GUIDE

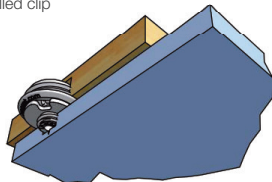
LP-F8 & LP-M8A Self tapping male and female

LP-F8	USE WITH:	INSTALL WITH:
	LP-M8A 	CP-08ST  25Ø drill  CT-19  CT-09  CT-10 

INSTALLATION STEPS Using LP-M8A - self tapping option

1 Drill 25Ø hole in frame 	2 Screw LP-F8 into frame. Use battery drill with clutch set. 	3 Fit CP-08ST centre point into LP-F8 
4 Press panel onto CP-08ST to mark 	5 Drill panel on mark with CT-09 	6 Screw fit LP-M8A with CT-10. Use battery drill with clutch set. 

A Cutaway view of installed clip



Install Note: CT-12 to CSK hole edge in hard material (1-2mm)









For more solid substrates such as fibreglass, use a 27 x 3mm tap to pre-thread the hole before installing the LP-F8

MORE INFO: Clip Layout guide TD-02 & TD-08

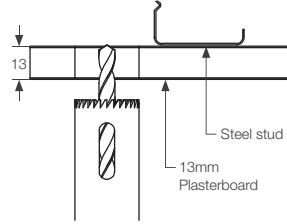
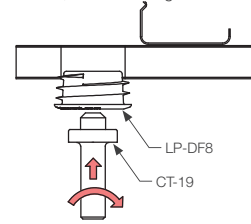
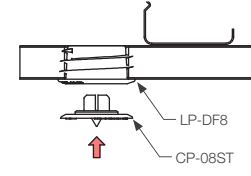
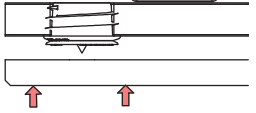
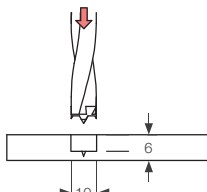
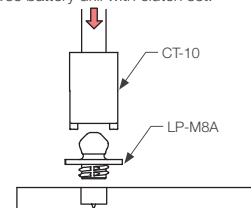
LOW PROFILE LP RANGE

LP-DF8 INSTALLATION GUIDE

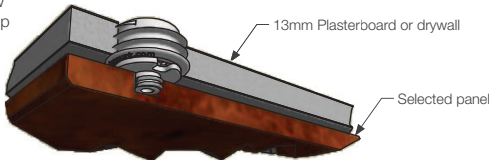
LP-DF8 Low Profile Drywall Self Tapping Coarse Thread Female

LP-DF8	USE WITH:	INSTALL WITH:
	LP-M8A  LP-SM8AS 	CP-08ST  25Ø hole saw  CT-19  CT-09  CT-10 

INSTALLATION STEPS Using LP-M8A - self tapping option. See LP-SM8AS for adhesive fix option

1 Drill 25Ø hole in drywall plasterboard 	2 Screw LP-DF8 into drywall. Use battery drill with clutch set, fit only once, do not over tighten 	3 Fit CP-08ST centre point into LP-DF8 
4 Press panel onto CP-08ST to mark 	5 Drill panel on mark with CT-09 	6 Screw fit LP-M8A with CT-10. use battery drill with clutch set. 

A Cutaway view of installed clip



NB. CT-12 to CSK hole edge in hard material (1-2mm)

VERY LOW PROFILE VL RANGE

VL-F3 & VL-M3 PRODUCT GUIDE

VL-F3 & VL-M3 Very Low Profile

The VL-F3 & VL-M3 are ideal for mounting ceiling and wall panels in areas with minimal frame and panel thickness. The VL-F3 & VL-M3 use the patented SuperGroove™ system to mechanically engage into adhesive. Screw or adhesive combinations can be used. Refer to Panel Offset Guide for gap between substrate and panel, pull out and shear loads.

VL-F3 5kg **VL-M3** 5kg



MATERIAL:
Light Grey Acetal copolymer

MORE INFO:
Installation Guide VL-03
Clip Layout Guide TD-02, 08, 09
Panel Offset Guide

BENEFITS

- Self-aligning secure mounting
- Installation requires no special tools or skilled labour
- Uses a range of adhesives to suit the customer
- Fast installation
- 5kg pull out load
- Clip lead in for easy fitting
- Can be screw fixed with lateral adjustment, or glue fixed

APPLICATIONS

- Areas with minimal clearance
- Inspection panels
- Soft or honeycomb cored panels with thin facings
- Mounting panels where no drilling is preferred

VERY LOW PROFILE VL RANGE

VL-F3H & VL-M3H PRODUCT GUIDE

VL-F3H & VL-M3H Very Low Profile - Heavy Duty

The VL-F3H & VL-M3H are ideal for mounting ceiling and wall panels in areas with minimal frame and panel thickness. The VL-F3H & VL-M3H use the patented SuperGroove™ system to mechanically engage into adhesive. Screw or adhesive combinations can be used. Refer to Panel Offset Guide for gap between substrate and panel, pull out and shear loads.

VL-F3H 10kg **VL-M3H** 10kg



MATERIAL:
Black Shinitite

MORE INFO:
Installation Guide VL-03
Clip Layout Guide TD-02, 08, 09
Panel Offset Guide

BENEFITS

- Self-aligning secure mounting
- Installation requires no special tools or skilled labour
- Uses a range of adhesives to suit the customer
- Fast installation
- 10kg pull out load
- Clip lead in for easy fitting
- Can be screw fixed with lateral adjustment, or glue fixed

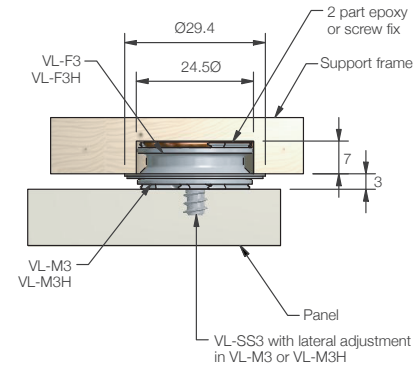
APPLICATIONS

- Areas with minimal clearance
- Inspection panels
- Soft or honeycomb cored panels with thin facings
- Mounting panels where no drilling is preferred

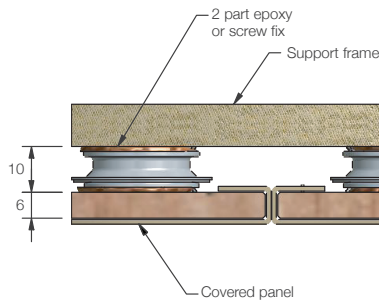
INSTALLATION: Partially exploded through section showing typical installation method

INSTALLATION: Partially exploded through section showing typical installation method

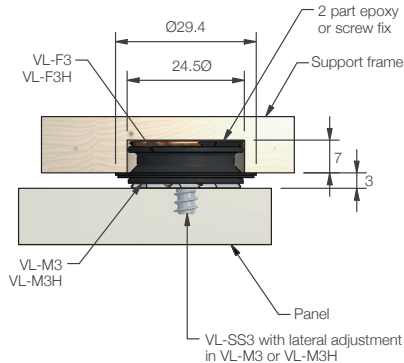
Through section showing recessed installation



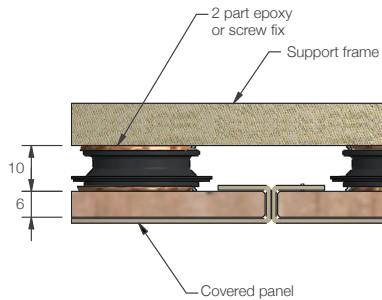
Through section showing surface mounted adhesive installation



Through section showing recessed installation



Through section showing surface mounted adhesive installation



VERY LOW PROFILE VL RANGE

VL-F3FR & VL-M3FR PRODUCT GUIDE

VL-F3FR & VL-M3FR Very Low Profile - Fire-rated

The VL-F3FR & VL-M3FR combine the Very Low Profile convenience for ceiling and wall panels, with a fire rating, making it useful in commercial areas where fire rating is required on thin panels.

The VL-F3FR & VL-M3FR can be rivet or screw fixed Incorporates the patented SuperGroove™ system. Tested to out-perform external screw fixings in fire rating testing using fire-rated MDF with B Euroclass by CSTB*. *Scientific and Technical Centre for Building, France.

Refer to Panel Offset Guide for gap between substrate and panel, pull out and shear loads.

VL-F3FR 10kg

VL-M3FR 10kg



MATERIAL:
White Duranex

MORE INFO:
Installation Guide VL-03
Clip Layout Guide TD-02, 08, 09
Panel Offset Guide

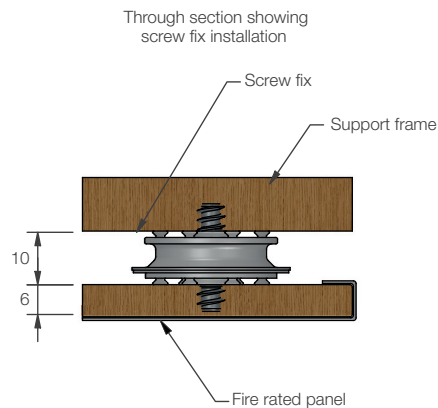
BENEFITS

- Fire-rated plastic with V-0 UL rating
- GWIT test at 2mm: 625°C, test method IEC-60695-2-13
- 10kg pull out load
- Rivet or screw fix to steel frames
- Screw fix to panels to ensure mechanical connection
- No special installation tools required

APPLICATIONS

- Fire-rated ceiling and wall panels in areas with minimal frame and panel thickness
- Inspection panels
- Thin panels

INSTALLATION: Partially exploded through section showing typical installation method



VERY LOW PROFILE VL RANGE

VL-M3X PRODUCT GUIDE

VL-M3X Very Low Profile Extra Heavy Duty 25kg

The VL-M3X is the strongest fixing in the Very Low Profile Range, ideal for more permanent fixings in applications such as settee arms in furniture, heavy artwork, and large, heavyweight interior panels. With a 25kg pull out load and 75kg shear load, the VL-M3X clips into the VL-F3H with no special tools required for installation. Can be used with a wide range of adhesives or screw fixed, according to application type.

VL-M3X 25kg



! NEW

MATERIAL:
Off white Acetal copolymer

USE WITH:

VL-F3H



MORE INFO:

Installation Guide VL-03
Clip Layout Guide TD-02, 08, 09
Panel Offset Guide

BENEFITS

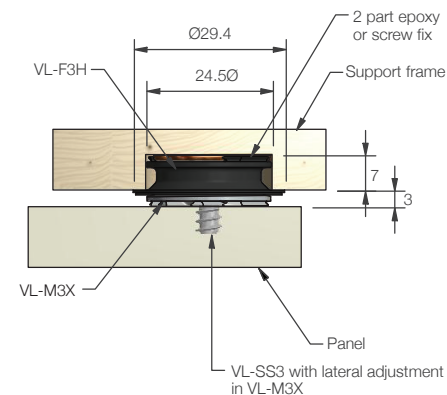
- Self-aligning secure mounting
- Installation requires no special tools or skilled labour
- Uses a range of adhesives to suit the customer
- Fast installation
- 25kg pull out load
- 75kg shear load
- Clip lead in for easy fitting
- Can be screw fixed with lateral adjustment, or glue fixed

APPLICATIONS

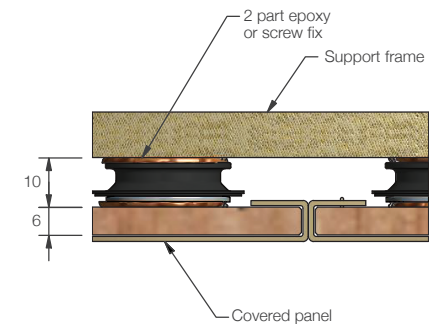
- Arms for sofas and armchairs
- Heavy artwork
- Signage
- Large panels that need strong securing

INSTALLATION: Partially exploded through section showing typical installation method

Through section showing recessed installation



Through section showing surface mounted adhesive installation



VERY LOW PROFILE VL RANGE

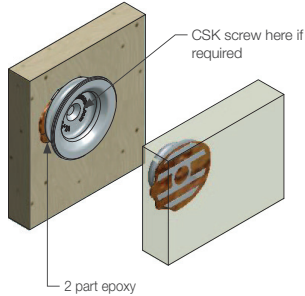
VERY LOW PROFILE RANGE INSTALLATION GUIDE

VERY LOW PROFILE RANGE Screw and Adhesive Fix

VL-F3	VL-M3	VL-F3H	VL-M3H	VL-F3FR	VL-M3FR	VL-M3X	USE WITH:	INSTALL WITH:
								
5kg		10kg		10kg		25kg	2 part epoxy	

INSTALLATION STEPS

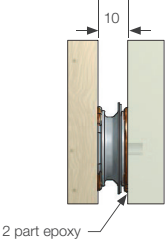
1 Exploded view of typical installation (adhesive fix)



CSK screw here if required

2 part epoxy

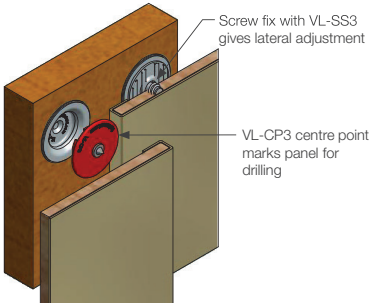
2 Section through installed clip



10

2 part epoxy

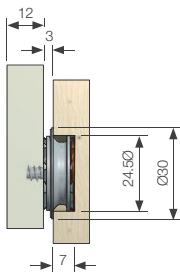
3 Exploded view showing centre point marker, install option



Screw fix with VL-SS3 gives lateral adjustment

VL-CP3 centre point marks panel for drilling

4 Section through recessed installation



12

3

24.50

Ø30

7

MORE INFO: Clip Layout Guide TD-02 Product sheet VL-03

DATA SHEET



VL Range

VL-PF3 (PET PANELS)

The Very Low Profile VL-PF3 alongside the male counterpart VL-M3 (5kg / 11lb) is a recess mounted clip system designed to be used with PET Acoustic panels. The VL-PF3 is ideal for commercial interior fit-outs, a wide range of architectural applications, and is suitable for both wall and ceiling panels.

The VL-PF3 is designed specifically to be used for PET Acoustic panel installations providing a 2mm (0.08") gap between panel and substrate. Recommended for panels with a minimum density of 144kg/m3 (9lb/ft3).

The VL-PF3 allows for PET panels to be fully recycled due to the clips not requiring any glue for installation, allowing for reduced wastage.



USE WITH:



FEATURES

- Recyclability**
No glue required for installation means panels are fully recyclable
- Simple Installation**
Designed for easy installation while also saving time and reducing re-work
- Removability**
Panels can be easily removed and replaced multiple times

APPLICATIONS


- Commercial fit-outs (retail and offices)
- Hospitality
- Healthcare
- Education
- Wall and ceiling panels

*Not suitable for glass and fibre-cement panels.

VL Range

VL-PF3 (PET PANELS)

TECHNICAL DATA



VL-PF3
MATERIAL: ACETAL

The following table data is based on the below models being used in conjunction with the VL-PF3.

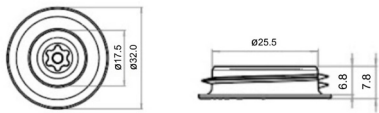
Model	Material	Min. Pull Out Load
VL-M3	Acetal	5kg (11lb)

Our testing has shown that panels with a minimum density of 144kg/m3 (9lb/ft3) securely retain the clip after removal, but we recommend testing first to ensure the clip stays in place.

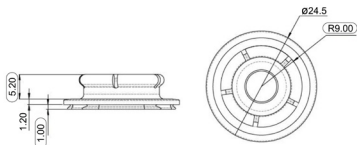
The maximum panel weight for this application is 6kg per m2 or 1.2lb per square foot. As an example, for a 2400mm x 1200mm (8' x 4') panel, the maximum panel weights would be 17kg (38lb).

Panel weight data is valid only if installed as per the relevant Clip Layout Guide. If you are still unsure about panel weight recommendations or would like to confirm any other details regarding panel weights, please contact info@fastmount.com. Products have been tested by a recognized international quality/assurance company. Test reports are available by request. All clips have been tested up to 500 cycles while still maintaining the minimum pull out load

VL-PF3 CLIP DIMENSIONS



MALE CLIP DIMENSIONS



PANEL GAP

The use of the VL-PF3 alongside the male clip VL-M3 from the Very Low Profile Range, provides a 2mm (0.08") gap between panel and frame.



VL Range

VL-PF3 (PET PANELS)

INSTALLATION OPTIONS

VL-PF3

The VL-PF3 is designed to be installed into PET Acoustic panels. A 25mm (1") diameter hole is cut into the PET panel at 8mm (5/16") deep.

The clip is then screwed into the PET panel using a T45 Torx fitting with a low torque on the battery drill.



Male Clips

VL-M3 can either be screwed or glue mounted.



VL-M3

CENTER POINTS

The VL-CP3 center points can be used in conjunction with the VL-PF3, and alongside the male clip VL-M3 from the Very Low-Profile Range.

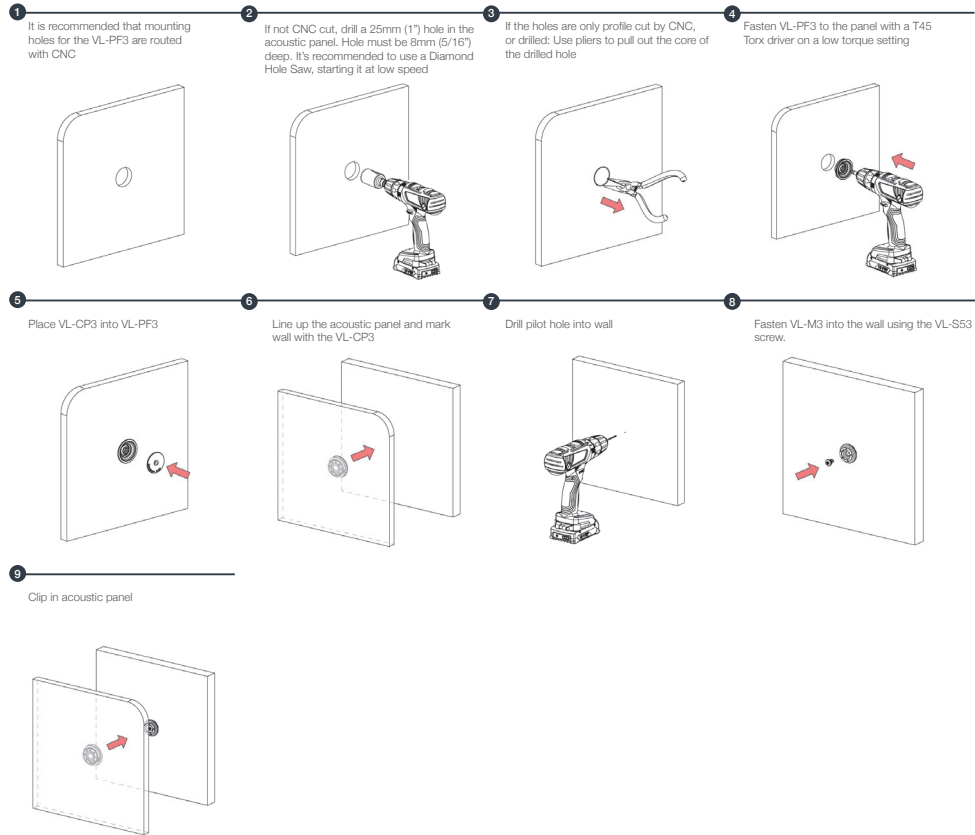


The VL-CP3 center points are inserted into the VL-PF3 female clips. The panel is then pushed against the center points, marking the center points for the male clips, to help ensure correct alignment between panel and substrate.

INSTALLATION STEPS

VL-PF3 SCREW MOUNT

INSTALL VL-PF3



METAL MC RANGE
MC-SSM10B & MC-SSF10B PRODUCT GUIDE

MC-SSM10B & MC-SSF10B Stainless Steel Clips

The MC-SSM10B and MC-SSF10B are built from 316 stainless steel for enhanced fire safety and durability. As well as offering superior fire resistance, the clip can withstand heavy load bearing for both wall and ceiling panels. The male screw fixes onto the back of the panel before being installed into the female clip component. Ideal for use with fire-rated panels, in fire egress paths and anywhere fire-rated certification is required. Refer to Panel Offset Guide for gap between substrate and panel, pull out and shear loads.

MC-SSM10B



MC-SSF10B



MATERIAL:
316 Stainless Steel

MORE INFO:
Installation Guide MC-SSM10B & MC-SSF10B
Clip layout guides TD-09 and TD-12
Panel offset guide

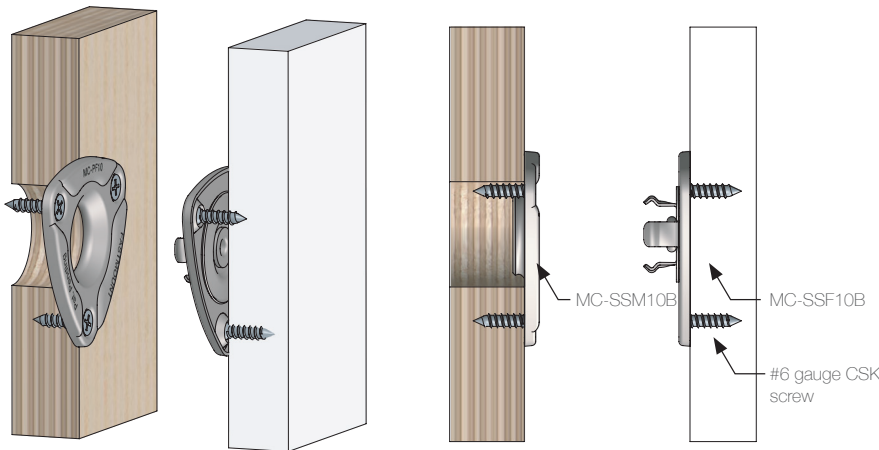
BENEFITS

- Exceptionally fire-resistant stainless steel construction, withstands elevated temperatures
- Allows for tolerance and panel flex
- Provides acoustic and vibration isolation
- 10kg / 22lb pull out load
- 60kg / 132lb shear load
- Screw fit mounting

APPLICATIONS

- Fire-rated panels
- Fire egress paths
- Anywhere that requires fully fire-rated certification
- Suitable for wall or ceiling panels
- Install into a variety of substrates

INSTALLATION: Partially exploded through section showing typical installation method



METAL MC RANGE

MC-NPM10 & MC-NPF10 PRODUCT GUIDE

MC-NPM10 & MC-NPF10 Nickel Plated Clips

The MC-NPM10 and MC-NPF10 are built from nickel plated 316 and 301 stainless steel for enhanced fire safety and durability. As well as offering superior fire resistance, the clips can withstand heavy load bearing for both wall and ceiling panels. The male screw fixes onto the back of the panel before being installed into the female clip component (MC—NPF10). Ideal for use with fire rated panels, in fire egress paths and anywhere fire rated certification is required. Refer to Panel Offset Guide for gap between substrate and panel, pull out and shear loads.

MC-NPM10 MC-NPF10



MATERIAL:
316 Stainless Steel
301 Stainless Steel (spring component)

MORE INFO:
Installation Guide MC-SSM10B & MC-SSF10B
Clip layout guides TD-09 and TD-12
Panel offset guide

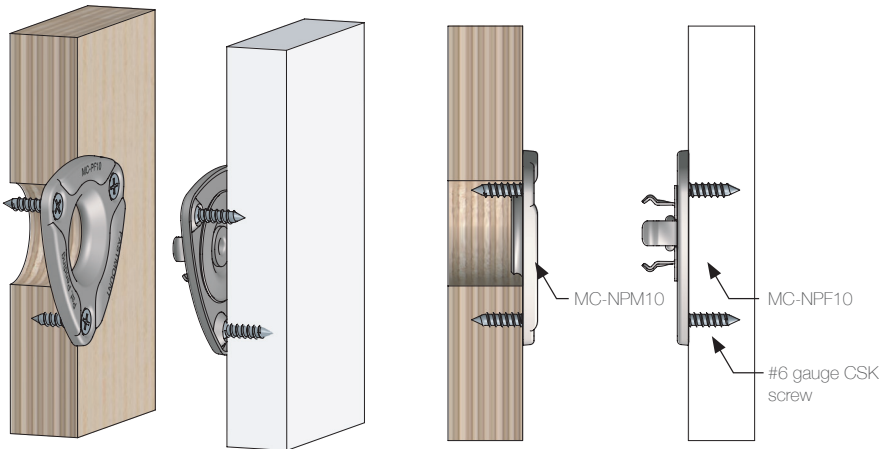
BENEFITS

- Exceptionally fire-resistant stainless steel construction, withstands elevated temperatures
- Allows for tolerance and panel flex
- Provides acoustic and vibration isolation
- 10kg / 22lb pull out load
- 60kg / 132lb shear load
- Screw fit mounting

APPLICATIONS

- Fire-rated panels
- Fire egress paths
- Anywhere that requires fully fire-rated certification
- Suitable for wall or ceiling panels
- Install into a variety of substrates

INSTALLATION: Partially exploded through section showing typical installation method



METAL MC RANGE

STAINLESS STEEL & NICKEL PLATED CLIPS INSTALLATION GUIDE

MC-SSM10B & MC-SSF10B Stainless Steel Metal Clip Range

MC-NPM10 & MC-NPF10 Nickel Plated Metal Clip Range

MC-SSM10	MC-SSF10	USE WITH:	INSTALL WITH:
		#6 gauge CSK screw	MC-SSCP 25Ø drill bit
MC-NPM10	MC-NPF10		

INSTALLATION STEPS Screw fix method

1 Drill 25.4mm hole, 5mm deep in substrate	2 Insert MC-SSF10 and fix with 6G CSK screws	3 Insert MC-SSCP into MC-SSF10	4 Press in location to mark panel
5 Drill 2mm holes on marks	6 Insert MC-SSM10 and fix with three 6G CSK screws	7 Install panel and position panel as required	8 OPTIONAL Lock MC-SSM10 with centre 6G screw for precise installations requiring additional strength

Stratlock Range

SL-RLE

The Stratlock Rail System (SL-RLE), is a versatile panel mounting solution designed for efficient and accurate framework, and allows for offsite prefabrication and installation, including both vertical and horizontal framing. The Stratlock Rail System is ideal for heavy-duty mounting applications and is commonly used for commercial interior fit-outs, a wide range of architectural applications, and is suitable for both wall and ceiling panels.

The Stratlock Rail System is designed to be used with the SL-FA, SL-FB1, and SL-SMT1 female clips, along with the compatible SL-M10 and SL-M18 male clips, offering either a 10kg (22lb) or 18kg (40lb) pull out load. The SL-M18 male clip is also available in a fire-rated version (SL-M18-FR).

The Stratlock Rail System features connectors, including the option of either metal connectors SL-RCF90 and SL-RCAB180 or plastic connectors SL-C-WW90-FR and SL-C-WC90-FR. These connectors are used in conjunction with the Stratlock Rail to enable the extension of rails, create horizontal and vertical framing, and build a wall and/or ceiling grid system. The plastic SL-C-WW90-FR and SL-C-WC90-FR connectors are also fire-rated.

The Stratlock Rail System, in conjunction with the SL-FA and SL-FB1 female clips, features a 360-degree adjustability function, allowing for precise positioning of panels before locking into place via a 2-stage engagement process. The adjustability allows panel adjustment of 8mm (3/8") before locking panels into place.



SL-RLE
STRATLOCK RAIL
EXTRUSION

USE WITH:



SL-FA
FEMALE SIDE MOUNT
CLIP



SL-FB1
STRATLOCK FEMALE FRONT
MOUNT CLIP



SL-RCAB180
WALL TO WALL
ADJUSTABLE
CONNECTOR



SL-SMT1
STRATLOCK SIDE
MOUNT



SL-C-WW90-FR
STRATLOCK
PLASTIC 90°
CONNECTOR



SL-C-WC90-FR
STRATLOCK PLASTIC
WALL TO CEILING,
WALL TO WALL
CONNECTOR



SL-RCF90
STRATLOCK
PLASTIC 90°
CONNECTOR

FEATURES



Adaptability

Allows for interior panels to be mounted into drywall, concrete/brick or plywood, making it suitable for a wide range of applications, while also being suitable for uneven surfaces.



Suspended Ceiling

Enables enhanced flexibility and easy access to utilities and wiring above the ceiling.



Non-Sequential Removability

Offers the advantage of non-sequential removability, allowing panels to be detached in any order for greater flexibility during maintenance and adjustments.



Heavy-Duty Mounting

Robust, allowing for heavy panel mounting and suitable for heavy duty applications.



Rework Reduction

The Stratlock Rail System allows for panels to be worked off-site, which can help eliminate panel damage and reduce re-work.

Stratlock Range

SL-RLE

TECHNICAL DATA

STRATLOCK RAIL



SL-RLE
MATERIAL: ALUMINIUM

CONNECTORS



SL-RCF90
MATERIAL: ALUMINIUM



SL-RCAB180
MATERIAL: ALUMINIUM



SL-C-WW90-FR
MATERIAL: GRILON



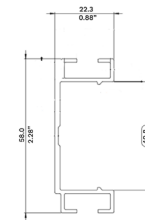
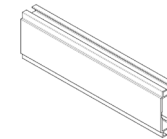
SL-C-WC90-FR
MATERIAL: GRILON

For technical data of all compatible female and male clips, please refer to the Data Sheets for the following:

SL-FA
SL-FB1
SL-SMT1

The SL-FA and SL-FB1 Data Sheets also include technical data for all Stratlock Range male clips.

SL-RLE DIMENSIONS



DIMENSIONS

For dimensions of all compatible female clips, please refer to the Data Sheets for the following:

SL-FA
SL-FB1
SL-SMT1

The SL-FA and SL-FB1 Data Sheets also include the dimensions for all Stratlock Range male clips.

ADJUSTABILITY

The use of the SL-RLE along with the SL-FA and SL-FB1 clips, allows for a total of 8mm (3/8") adjustability or 4mm (5/32") in any lateral direction before locking into the final position. This is done via a 2-stage engagement process.

APPLICATIONS

- Commercial fit-outs (retail and offices)
- Hospitality
- Healthcare
- Education
- Wall and ceiling panels
- Suspended ceilings

**Not suitable for glass and fibre-cement panels.*

Stratlock Range

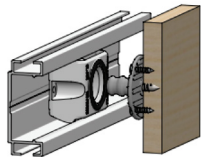
SL-RLE

INSTALLATION OPTIONS

SL-RLE

The SL-RLE can be installed onto a variety of different substrates, including drywall (into studs behind), concrete/brick and plywood. The SL-RLE can also be installed to create a stand-off from the wall.

The below image relates to drywall, concrete/brick and plywood.



DRYWALL

Installed using #8 CSK screws.

(The length of the screws should be determined based on the distance required to securely reach the stud support behind the drywall surface). SL-RLE must be fixed through the drywall, and into stud supports behind.

CONCRETE/BRICK

Installed using appropriate concrete screws/anchors.

(The selection of concrete fixings for securing the SL-RLE should be based on the specific requirements of the application).

PLYWOOD

Installed using #8 25mm (1") long CSK screws.

For installation options of the compatible SL-FA, SL-FB1, and SL-SMT1 clips, please refer to their respective Data Sheets.

CONNECTORS

T CONNECTION (PLASTIC)

Installed using #8 16mm (0.63") pan head screws.

The SL-C-WW90-FR is used in conjunction with the SL-RLE to create a T connection.



SL-C-WW90-FR
MATERIAL: PLASTIC

T CONNECTION (METAL)

Installed using supplied grub screws and 2.5mm (0.1") hex key.

The SL-RCF90 is used in conjunction with the SL-RLE to create a T connection.



SL-RCF90
MATERIAL: ALUMINIUM

CORNER CONNECTION (PLASTIC)

Installed using #8 16mm (0.63") pan head screws.

The SL-C-WC90-FR can be used in conjunction with the SL-RLE to create both a wall and ceiling corner connection.



SL-C-WC90-FR
MATERIAL: PLASTIC

ADJUSTABLE CORNER CONNECTION (METAL)

Installed using supplied grub screws and 2.5mm (0.1") hex key.

The SL-RCAB180 is paired with the SL-RCF90 and used with the SL-RLE to create an adjustable corner connection.



RAIL EXTENSION

The SL-RCF90 is paired with another SL-RCF90 (one on each side) and used with the SL-RLE to create an extension of two rails.



Stratlock Range

SL-RLE

INSTALLATION STEPS

The below installation step guide covers the installation of the SL-RLE and corresponding male clip for all three applications:

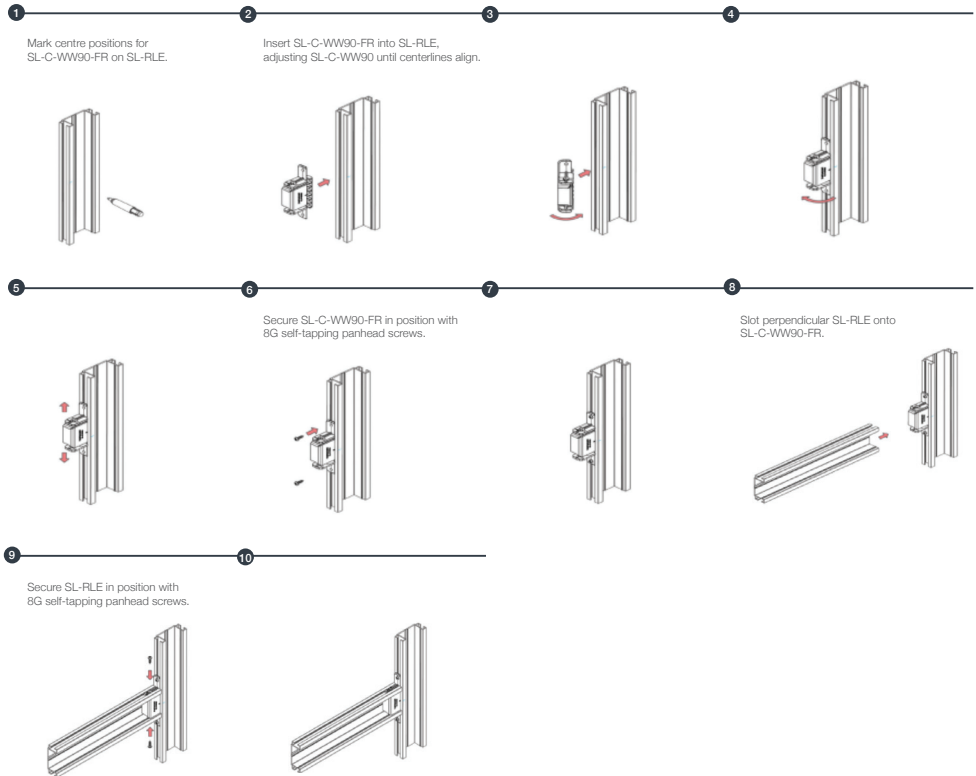
- Drywall
- Concrete/brick
- Plywood

INSTALL SL-RLE



INSTALL OPTION 1: PLASTIC CONNECTORS

How to create a T connection using the SL-C-WW90-FR.

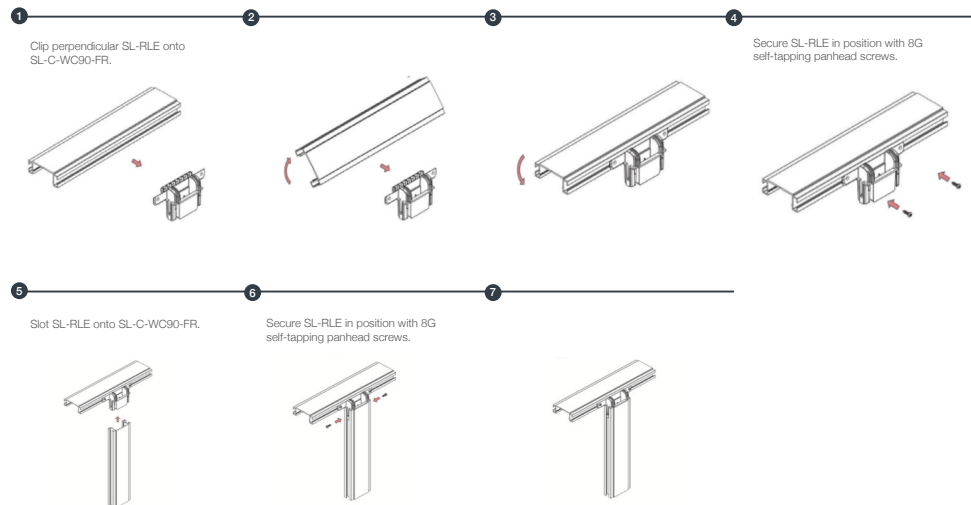


Stratlock Range

SL-RLE

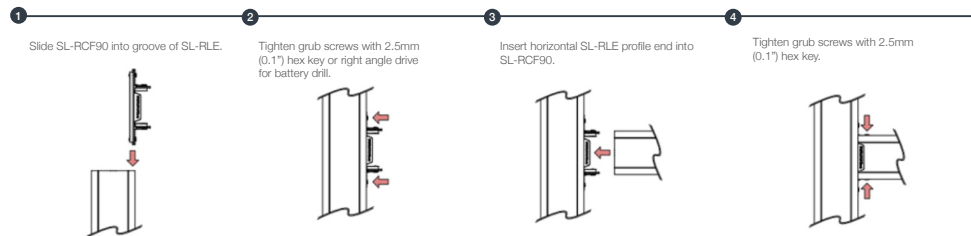
INSTALL OPTION 2: PLASTIC CONNECTORS

How to create a corner connection using the SL-C-WC90-FR
The below steps can be used to create a corner connection for wall to wall or wall to ceiling



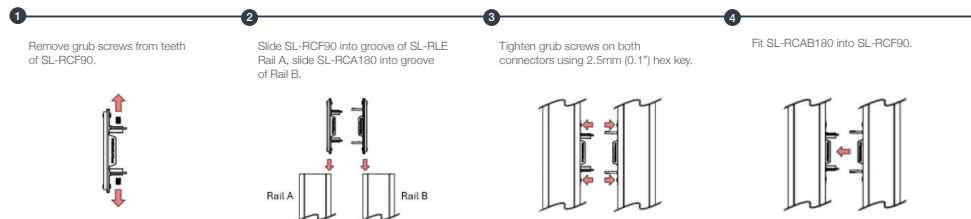
INSTALL OPTION 3: METAL CONNECTORS

How to create a T connection using the SL-RCF90



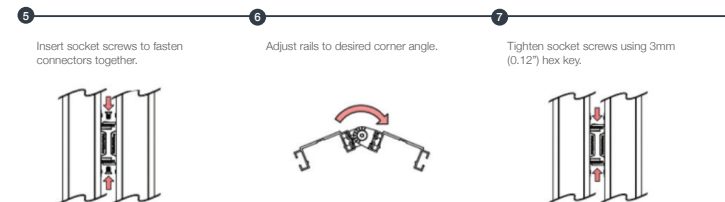
INSTALL OPTION 4: METAL CONNECTORS

How to create an adjustable corner connection using the SL-RCAB180 and SL-RCF90



Stratlock Range

SL-RLE



REMOVING PANELS

Fastmount also provide panel removal tools which can help make the removal of panels easier.



CT-05

Stainless steel removal tool, for removing upholstered panels. Requires a minimum gap of 3mm (0.12").



CT-05H

Stainless steel removal tool with fold down hook, for use with lacquered and/or textured panels. Hook requires a minimum gap of 1mm (0.04").



CT-17

Suction cup sucker tool, for removing heavier panels or painted/pre-finished panels. Two required for controlled panel removal.

Stratlock Range

SL-FA & SL-FA-FR

The Stratlock SL-FA alongside the male counterpart SL-M10 and SL-M18, is a side mounted clip system designed to be used with the Stratlock Rail System (SL-RLE) and is available in both standard and fire-rated versions. The SL-FA is ideal for commercial interior fit-outs, a wide range of architectural applications, and is suitable for both wall and ceiling panels.

The SL-FA is compatible with the SL-M10 and SL-M18 male clips, offering either a 10kg (22lb) or 18kg (40lb) pull out load. The SL-M18 male clip is also available in a fire-rated version (SL-M18-FR).

The SL-FA provides installation of panels in conjunction with the Stratlock Rail System, designed specifically to reduce on-site installation time while ensuring long-lasting performance in demanding applications.

The SL-FA features a 360-degree adjustability function, allowing for precise positioning of panels before locking into place via a 2-stage engagement process. The adjustability allows panel adjustment of 8mm (3/8") before locking panels into place. The use of the SL-FA, alongside any of the Stratlock Range male clips, provides a 28.3mm (1") gap between panel and substrate.



USE WITH:



APPLICATIONS

- Commercial fit-outs (retail and offices)
- Hospitality
- Healthcare
- Education
- Wall and ceiling panels
- Fire-rated applications
- Suspended ceilings

**Not suitable for glass and fibre-cement panels.*

FEATURES

- Simple Installation**
Designed for easy installation while also saving time and reducing re-work.
- Adjustability**
Features 360-degree adjustability, allowing for versatile and precise positioning of panels 8mm total (3/8") before locking into final position.
- Non-Sequential Removability**
Offers the advantage of non-sequential removability, allowing panels to be detached in any order for greater flexibility during maintenance and adjustments.
- No Top Gap Required**
Allows for the removal or replacement of the top panel without leaving a gap above it, ensuring a seamless and flush fit.
- Heavy-Duty Mounting**
Robust fixing, allowing for heavy panel mounting and suitable for heavy duty applications.

Stratlock Range

SL-FA & SL-FA-FR

TECHNICAL DATA



The following table data is based on the below models being used in conjunction with the SL-FA or SL-FA-FR.

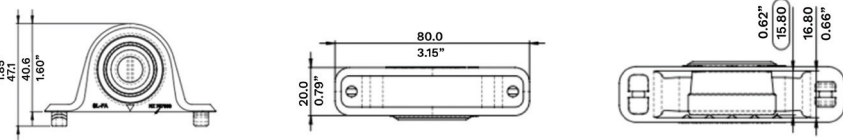
Model	Material	Min. Pull Out Load	Min. Shear Load	Max panel weight per area: Walls	Max panel weight per area: Ceilings
SL-M10	Glass Filled Nylon	10kg (22lb)	80kg (176lb)	15kg/m² (3lb/ft²)	10kg/m² (2lb/ft²)
SL-M18	Glass Filled Nylon	18kg (40lb)	105kg (232lb)	25kg/m² (5lb/ft²)	25kg/m² (5lb/ft²)
SL-M18-FR	Shinrite	18kg (40lb)	80kg (176lb)	25kg/m² (5lb/ft²)	25kg/m² (5lb/ft²)

As an example, for a 2400mm x 1200mm (8'x4') panel, the maximum panel weights for each male clip type would be as follows:

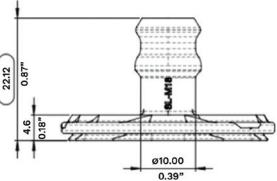
- WALLS**
SL-M10: Max weight 43kg (95lbs)
SL-M18: Max weight 72kg (159lbs)
- CEILING**
SL-M10: Max weight 29kg (64lbs)
SL-M18: Max weight 72kg (159lbs)

**Panel weight data is valid only if installed as per the relevant Clip Layout Guide. If you are still unsure about panel weight recommendations or would like to confirm any other details regarding panel weights, please contact info@fastmount.com. Products have been tested by a recognized international quality/assurance company. Test reports are available by request. All clips have been tested up to 500 cycles while still maintaining the minimum pull out load*

SL-FA CLIP DIMENSIONS (Dimensions are identical for both the SL-FA and SL-FA-FR)



MALE CLIP DIMENSIONS (Dimensions are identical for the SL-M10, SL-M18 and SL-M18-FR)



PANEL GAP The use of the SL-FA alongside any of the male clips from the Stratlock Range, provides a 6mm (1/4") gap between panel and substrate.



ADJUSTABILITY The SL-FA allows for a total of 8mm (3/8") adjustability or 4mm (5/32") in any lateral direction before locking into the final position. This is done via a 2-stage engagement process.

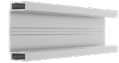
Stratlock Range

SL-FA & SL-FA-FR

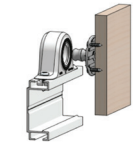
INSTALLATION OPTIONS

SL-FA & SL-FA-FR

The SL-FA is designed to be installed onto the Stratlock rail (SL-RLE).



SL-RLE (STRATLOCK RAIL)



Installed using 2x #8 16mm (5/8") long pan head screws.

Male Clips

SL-M10, SL-M18 and SL-M18-FR can either be screwed or glue mounted.



SL-M10 SL-M18 SL-M18-FR

SCREW MOUNTED

All Stratlock Range male clips can be screwed using either 1x #8 32mm (1 1/4") screw through the center, or 3x #5 12mm (1/2") screws through the base grooves.

GLUE MOUNTED

Clips can be glued using a high quality 2-part epoxy glue.

Fastmount recommend the testing of glue with any Fastmount product first, to ensure the integrity of the hold. If unsure about which glue to use, please contact info@fastmount.com for more details.

While there are a variety of different adhesives that are suitable to use alongside the Stratlock male clips, one adhesive that Fastmount recommends is the Kommerling Korapur 784/1. However, it is recommended to still conduct preliminary testing to ensure compatibility.

CENTER POINTS

The CP-01ST center points can be used in conjunction with the SL-FA, and alongside any of the male clips from the Stratlock Range.



The center points are inserted into the SL-FA female clips. The panel is then pushed against the center points, marking the center points for the male clips, to help ensure correct alignment between panel and framing.

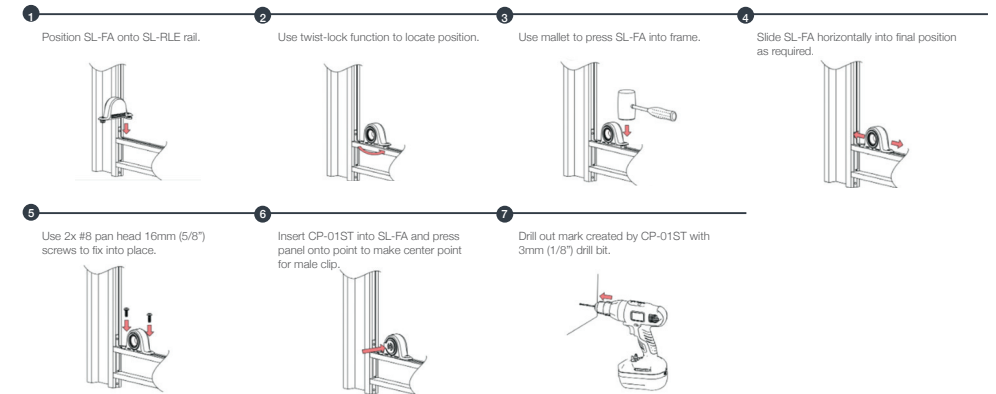
Stratlock Range

SL-FA & SL-FA-FR

INSTALLATION STEPS

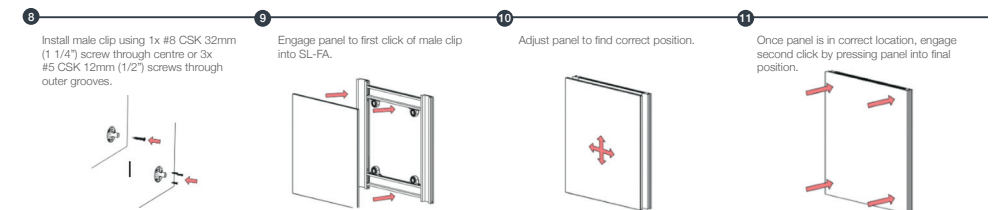
The below installation step guide covers the installation of the SL-FA, SL-FA-FR and corresponding male clip alongside the SL-RLE Stratlock Rail System.

INSTALL SL-FA



INSTALL MALE CLIP: OPTION 1 SCREW MOUNTED

Male clips can be screwed using either 1x #8 32mm (1 1/4") screw through the center, or 3x #5 12mm (1/2") screws through the base grooves.



INSTALL MALE CLIP: OPTION 2 GLUE MOUNTED

For recommended clip spacings and quantities based on certain panel sizes, please refer to our clip layout guides.



For recommended clip spacings and quantities based on certain panel sizes, please refer to our clip layout guides.

REMOVING PANELS

Fastmount also provide panel removal tools which can help make the removal of panels easier.



CT-05
Stainless steel removal tool, for removing upholstered panels. Requires a minimum gap of 3mm (0.12").



CT-05H
Stainless steel removal tool with fold down hook, for use with lacquered and/or textured panels. Hook requires a minimum gap of 1mm (0.04").



CT-17
Suction cup sucker tool, for removing heavier panels or painted/pre-finished panels. Two required for controlled panel removal.

Stratlock Range

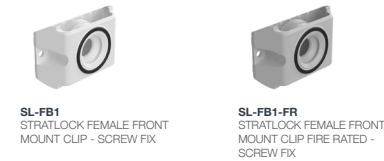
SL-FB1 & SL-FB1-FR

The Stratlock SL-FB1 alongside the male counterpart SL-M10 and SL-M18, is a female clip system designed to be used with the Stratlock Rail System (SL-RLE) and is available in both standard and fire-rated versions. The SL-FB1 is ideal for commercial interior fit-outs, a wide range of architectural applications, and is suitable for both wall and ceiling panels.

The SL-FB1 is compatible with the SL-M10 and SL-M18 male clips, offering either a 10kg (22lb) or 18kg (40lb) pull out load. The SL-M18 male clip is also available in a fire-rated version (SL-M18-FR).

The SL-FB1 provides installation of panels in conjunction with the Stratlock Rail System, designed specifically to reduce on-site installation time while ensuring long-lasting performance in demanding applications.

The SL-FB1 features a 360-degree adjustability function, allowing for precise positioning of panels before locking into place via a 2-stage engagement process. The adjustability allows panel adjustment of 8mm (3/8") before locking panels into place. The use of the SL-FB1, alongside any of the Stratlock Range male clips provides a 28.3mm (1") gap between panel and substrate.



USE WITH:



APPLICATIONS

- Commercial fit-outs (retail and offices)
- Hospitality
- Healthcare
- Education
- Wall and ceiling panels
- Fire-rated applications

**Not suitable for glass and fibre-cement panels.*

FEATURES

-  **Simple Installation**
Designed for easy installation while also saving time and reducing re-work.
-  **Adjustability**
Features 360-degree adjustability, allowing for versatile and precise positioning of panels 8mm total (3/8") before locking into final position.
-  **Non-Sequential Removability**
Offers the advantage of non-sequential removability, allowing panels to be detached in any order for greater flexibility during maintenance and adjustments.
-  **No Top Gap Required**
Allows for the removal or replacement of the top panel without leaving a gap above it, ensuring a seamless and flush fit.
-  **Heavy-Duty Mounting**
Robust fixing, allowing for heavy panel mounting and suitable for heavy duty applications.

Stratlock Range

SL-FB1 & SL-FB1-FR

TECHNICAL DATA



SL-FB1
MATERIAL: ACETAL



SL-FB1-FR
MATERIAL: PBT & NYLON

The following table data is based on the below models being used in conjunction with the SL-RLE.

Model	Material	Min. Pull Out Load	Min. Shear Load	Max panel weight per area: Walls	Max panel weight per area: Ceilings
SL-M10	Glass Filled Nylon	10kg (22lb)	80kg (176lb)	15kg/m ² (3lb/ft ²)	10kg/m ² (2lb/ft ²)
SL-M18	Glass Filled Nylon	18kg (40lb)	105kg (232lb)	25kg/m ² (5lb/ft ²)	25kg/m ² (5lb/ft ²)
SL-M18-FR	Shinite	18kg (40lb)	80kg (176lb)	25kg/m ² (5lb/ft ²)	25kg/m ² (5lb/ft ²)

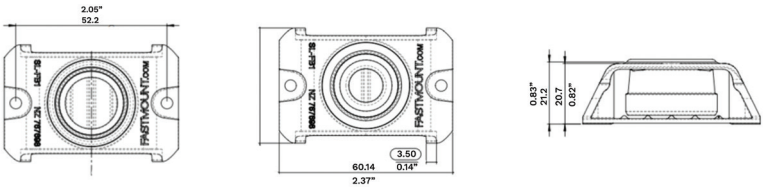
As an example, for a 2400mm x 1200mm (8'x4') panel, the maximum panel weights for each male clip type would be as follows:

- WALLS**
SL-M10: Max weight 43kg (95lbs)
SL-M18: Max weight 72kg (159lbs)
- CEILINGS**
SL-M10: Max weight 29kg (64lbs)
SL-M18: Max weight 72kg (159lbs)

Panel weight data is valid only if installed as per the relevant Clip Layout Guide. If you are still unsure about panel weight recommendations or would like to confirm any other details regarding panel weights, please contact info@fastmount.com. Products have been tested by a recognized international quality/assurance company. Test reports are available by request. All clips have been tested up to 500 cycles while still maintaining the minimum pull out load

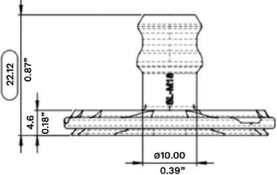
SL-FB1 CLIP DIMENSIONS

(Dimensions are identical for both the SL-FB1 and SL-FB1-FR)



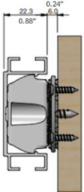
MALE CLIP DIMENSIONS

(Dimensions are identical for the SL-M10, SL-M18 and SL-M18-FR)



PANEL GAP

The use of the SL-FB1 alongside any of the male clips from the Stratlock Range, provides a 28.3mm (1") gap between panel and substrate.



ADJUSTABILITY

The SL-FB1 allows for a total of 8mm (3/8") adjustability or 4mm (5/32") in any lateral direction before locking into the final position. This is done via a 2-stage engagement process.

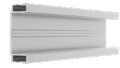
Stratlock Range

SL-FB1 & SL-FB1-FR

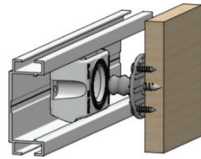
INSTALLATION OPTIONS

SL-FB1 & SL-FB1-FR

The SL-FB1 is designed to be installed onto the Stratlock rail (SL-RLE).



SL-RLE (STRATLOCK RAIL)



Installed using 2x #5 16mm (5/8") long screws.

Male Clips

SL-M10, SL-M18 and SL-M18-FR can either be screwed or glue mounted.



SL-M10 SL-M18 SL-M18-FR

SCREW MOUNTED

All Stratlock Range male clips can be screwed using either 1x #8 32mm (1 1/4") screw through the center, or 3x #5 12mm (1/2") screws through the base grooves.

GLUE MOUNTED

Clips can be glued using a high quality 2-part epoxy glue.

Fastmount recommend the testing of glue with any Fastmount product first, to ensure the integrity of the hold. If unsure about which glue to use, please contact info@fastmount.com for more details.

While there are a variety of different adhesives that are suitable to use alongside the Stratlock male clips, one adhesive that Fastmount recommends is the Kommerling Korapur 784/1. However, it is recommended to still conduct preliminary testing to ensure compatibility.

CENTER POINTS

The CP-01ST center points can be used in conjunction with the SL-FB1, and alongside any of the male clips from the Stratlock Range.



The center points are inserted into the SL-FB1 female clips. The panel is then pushed against the center points, marking the center points for the male clips, to help ensure correct alignment between panel and framing.

Stratlock Range

SL-FB1 & SL-FB1-FR

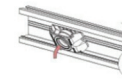
INSTALLATION STEPS

The below installation step guide covers the installation of the SL-FB1, SL-FB1-FR and corresponding male clip alongside the SL-RLE Stratlock Rail System.

INSTALL SL-FB1

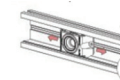
1

Insert SL-FB1 into SL-RLE rail.



2

Slide SL-FB1 to correct position.



3

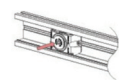
Secure SL-FB1 using 2x #5 16mm (5/8") screws.



INSTALL CP-01ST CENTER POINT

4

Insert CP-01ST into SL-FB1, press to mark panel.



5

Drill out mark with a 3mm (1/8") drill bit.

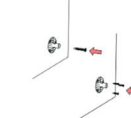


INSTALL MALE CLIP: OPTION 1 SCREW MOUNTED

Male clips can be screwed using either 1x #8 32mm (1 1/4") screw through the center, or 3x #5 12mm (1/2") screws through the base grooves.

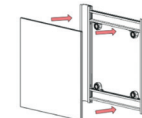
6

Install male clip using 1x #8 CSK 32mm (1 1/4") screw through centre or 3x #5 CSK 12mm (1/2") screws through outer grooves.



7

Engage panel to first click of male clip into SL-FA.



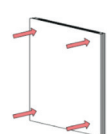
8

Adjust panel to find correct position.



9

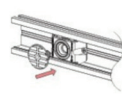
Once panel is in correct location, engage second click by pressing panel into final position.



INSTALL MALE CLIP: OPTION 2 GLUE MOUNTED

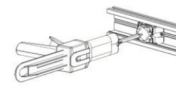
6

Engage male clip two clicks into SL-FB1.



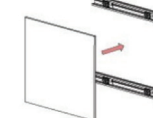
7

Apply glue adhesive to back of male clip.



8

Press panel firmly into place, and hold against male clips until adhesive dries.



9

Engage panel to first click of male to SL-FB1.



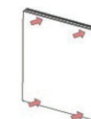
10

Adjust panel to find correct position.



10

Once panel is in correct location, engage second click by pressing panel into final position.



Stratlock Range

SL-FB1 & SL-FB1-FR

DATA SHEET

REMOVING PANELS

Fastmount also provide panel removal tools which can help make the removal of panels easier.



CT-05
Stainless steel removal tool, for removing upholstered panels. Requires a minimum gap of 3mm (0.12").



CT-05H
Stainless steel removal tool with fold down hook, for use with lacquered and/or textured panels. Hook requires a minimum gap of 1mm (0.04").



CT-17
Suction cup sucker tool, for removing heavier panels or painted/pre-finished panels. Two required for controlled panel removal.

Stratlock Range

SL-FC & SL-FC-FR

The Stratlock SL-FC, alongside the male counterpart SL-M10 and SL-M18, is a flush mounted clip system designed for heavy-duty mounting applications and is available in both standard and fire-rated versions. The SL-FC is ideal for commercial interior fit-outs, a wide range of architectural applications, and is suitable for both wall and ceiling panels.

The SL-FC is compatible with the SL-M10 and SL-M18 male clips, offering either a 10kg (22lb) or 18kg (40lb) pull out load. The SL-M18 male clip is also available in a fire-rated version (SL-M18-FR).

The SL-FC provides installation of panels into plywood or MDF, designed specifically to reduce on-site installation time while ensuring long-lasting performance in demanding applications.

The SL-FC features a 360-degree adjustability function, allowing for precise positioning of panels before locking into place via a 2-stage engagement process. The adjustability allows panel adjustment of 8mm (3/8") before locking panels into place. The use of the SL-FC, alongside any of the Stratlock Range male clips, provides a 7mm (0.27") gap between panel and substrate.



SL-FC
FEMALE FLUSH MOUNT CLIP



SL-FC-FR
FEMALE FIRE RATED FLUSH MOUNT CLIP

USE WITH:



SL-M10
STRATLOCK MALE
CLIP 10KG / 22LB



SL-M18
STRATLOCK MALE
CLIP 18KG / 40LB



SL-M18-FR
STRATLOCK MALE CLIP
18KG / 40LB FIRE RATED



CP-01ST
STANDARD RANGE
CENTRE POINT

APPLICATIONS

- Commercial fit-outs (retail and offices)
- Hospitality
- Healthcare
- Education
- Wall and ceiling panels
- Fire-rated applications

**Not suitable for glass and fibre-cement panels.*

FEATURES



Simple Installation
Designed for easy installation while also saving time and reducing re-work.



Adjustability
Features 360-degree adjustability, allowing for versatile and precise positioning of panels 8mm total (3/8") before locking into final position.



Non-Sequential Removability
Offers the advantage of non-sequential removability, allowing panels to be detached in any order for greater flexibility during maintenance and adjustments.



No Top Gap Required
Allows for the removal or replacement of the top panel without leaving a gap above it, ensuring a seamless and flush fit.



Heavy-Duty Mounting
Robust fixing, allowing for heavy panel mounting and suitable for heavy duty applications.

Stratlock Range

SL-FC & SL-FC-FR

TECHNICAL DATA



The following table data is based on the below models being used in conjunction with the SL-RLE.

Model	Material	Min. Pull Out Load	Min. Shear Load	Max panel weight per area: Walls	Max panel weight per area: Ceilings
SL-M10	Glass Filled Nylon	10kg (22lb)	80kg (176lb)	15kg/m² (3lb/ft²)	10kg/m² (2lb/ft²)
SL-M18	Glass Filled Nylon	18kg (40lb)	105kg (232lb)	25kg/m² (5lb/ft²)	25kg/m² (5lb/ft²)
SL-M18-FR	Shinite	18kg (40lb)	80kg (176lb)	25kg/m² (5lb/ft²)	25kg/m² (5lb/ft²)

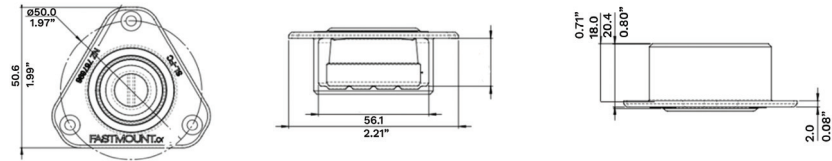
As an example, for a 2400mm x 1200mm (8'x4') panel, the maximum panel weights for each male clip type would be as follows:

WALLS	CEILINGS
SL-M10: Max weight 43kg (95lbs)	SL-M10: Max weight 29kg (64lbs)
SL-M18: Max weight 72kg (159lbs)	SL-M18: Max weight 72kg (159lbs)

Panel weight data is valid only if installed as per the relevant Clip Layout Guide. If you are still unsure about panel weight recommendations or would like to confirm any other details regarding panel weights, please contact info@fastmount.com. Products have been tested by a recognized international quality/assurance company. Test reports are available by request. All clips have been tested up to 500 cycles while still maintaining the minimum pull out load

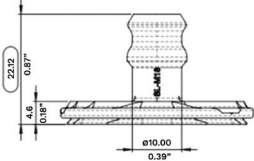
SL-FC DIMENSIONS

(Dimensions are identical for both the SL-FC and SL-FC-FR)



MALE CLIP DIMENSIONS

(Dimensions are identical for the SL-M10, SL-M18 and SL-M18-FR)



PANEL GAP

The use of the SL-FC alongside any of the male clips from the Stratlock Range, provides a 7mm (0.27") gap between panel and substrate.



ADJUSTABILITY

The SL-FC allows for a total of 8mm (3/8") adjustability or 4mm (5/32") in any lateral direction before locking into the final position. This is done via a 2-stage engagement process.

Stratlock Range

SL-FC & SL-FC-FR

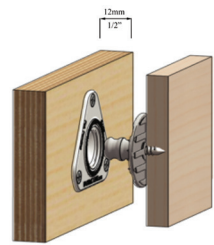
INSTALLATION OPTIONS

SL-FC & SL-FC-FR

The SL-FC is suitable to be installed into plywood or MDF walls and ceilings. The below installation detail relates to both plywood and MDF applications. Ensure your substrate panels are flat to get the best results with your panels

PLYWOOD/MDF

Min thickness: 12mm (1/2")



Installed using 2x #6 16mm (5/8") long CSK screws.

Male Clips

SL-M10, SL-M18 and SL-M18-FR can either be screwed or glue mounted



SCREW MOUNTED

All Stratlock Range male clips can be screwed using either 1x #8 32mm (1 1/4") screw through the center, or 3x #5 12mm (1/2") screws through the base grooves.

GLUE MOUNTED

Clips can be glued using a high quality 2-part epoxy glue.

Fastmount recommend the testing of glue with any Fastmount product first, to ensure the integrity of the hold. If unsure about which glue to use, please contact info@fastmount.com for more details.

While there are a variety of different adhesives that are suitable to use alongside the Stratlock male clips, one adhesive that Fastmount recommends is the Kommerling Korapur 784/1. However, it is recommended to still conduct preliminary testing to ensure compatibility.

CENTER POINTS

The CP-01ST center points can be used in conjunction with the SL-FC, alongside any of the male clips from the Stratlock Range.



The center points are inserted into the SL-FC female clips. The panel is then pushed against the center points, marking the center points for the male clips, to help ensure correct alignment between panel and framing.

Stratlock Range

SL-FC & SL-FC-FR

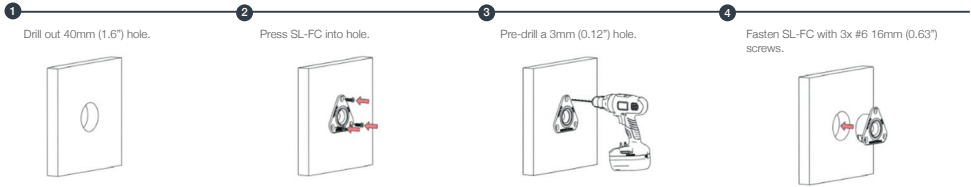
DATA SHEET

INSTALLATION STEPS

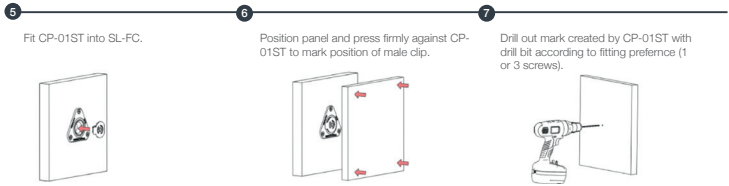
The below installation step guide covers the installation of the SL-FC, SL-FC-FR and corresponding male clip for both applications:

- Plywood
- MDF

INSTALL SL-FC

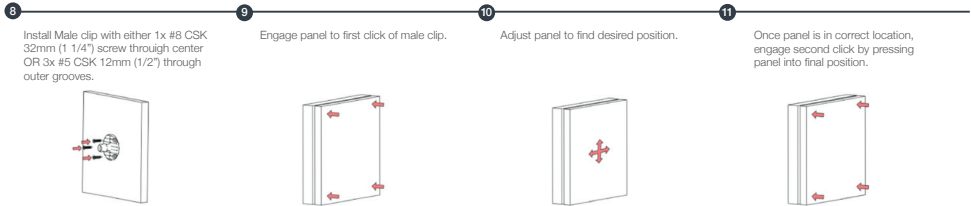


INSTALL CP-01ST CENTER POINT

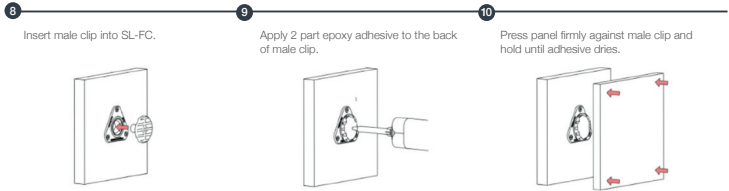


INSTALL MALE CLIP: OPTION 1 SCREWED MOUNTED

Male clips can be screwed using either 1x #8 32mm (1 1/4") screw through the center, or 3x #5 12mm (1/2") screws through the base grooves.



INSTALL MALE CLIP: OPTION 2 GLUE MOUNTED




For recommended clip spacings and quantities based on certain panel sizes, please refer to our clip layout guides.

REMOVING PANELS


Fastmount also provide panel removal tools which can help make the removal of panels easier.



CT-05
Stainless steel removal tool, for removing upholstered panels. Requires a minimum gap of 3mm (0.12").



CT-05H
Stainless steel removal tool with fold down hook, for use with lacquered and/or textured panels. Hook requires a minimum gap of 1mm (0.04").



CT-17
Suction cup sucker tool, for removing heavier panels or painted/pre-finished panels. Two required for controlled panel removal.

Stratlock Range

SL-SFA & SL-SFA-FR

The Stratlock SL-SFA, alongside the male counterpart SL-M10 and SL-M18, is a side mounted clip system designed for heavy-duty mounting applications and is available in both standard and fire-rated versions. The SL-SFA is ideal for commercial interior fit-outs, a wide range of architectural applications, and is suitable for both wall and ceiling panels.

The SL-SFA is compatible with the SL-M10 and SL-M18 male clips, offering either a 10kg (22lb) or 18kg (40lb) pull out load. The SL-M18 male clip is also available in a fire-rated version (SL-M18-FR).

The SL-SFA provides installation of panels to timber, steel, and aluminium framework, designed specifically to reduce on-site installation time while ensuring long-lasting performance in demanding applications.

The SL-SFA features a 360-degree adjustability function, allowing for precise positioning of panels before locking into place via a 2-stage engagement process. The adjustability allows panel adjustment of 8mm (3/8") before locking panels into place. The use of the SL-SFA provides a 6mm (0.24") gap between panel and substrate.





SL-SFA
FEMALE SIDE MOUNT CLIP



SL-SFA-FR
FEMALE FIRE RATED SIDE MOUNT CLIP

USE WITH:



SL-M10
STRATLOCK MALE CLIP 10KG



SL-M18
STRATLOCK MALE CLIP 18KG



SL-M18-FR
STRATLOCK MALE CLIP 18KG FIRE RATED



CP-01ST
STANDARD RANGE CENTRE POINT

APPLICATIONS

- Commercial fit-outs (retail and offices)
- Healthcare
- Hospitality
- Education
- Wall and ceiling panels
- Fire-rated areas

*Not suitable for glass and fibre-cement panels.

FEATURES



Simple Installation
Designed for easy installation while also saving time and reducing re-work.



Adjustability
Features 360-degree adjustability, allowing for versatile and precise positioning of panels 8mm total (3/8") before locking into final position.



Non-Sequential Removability
Offers the advantage of non-sequential removability, allowing panels to be detached in any order for greater flexibility during maintenance and adjustments.



No Top Gap Required
Allows for the removal or replacement of the top panel without leaving a gap above it, ensuring a seamless and flush fit.



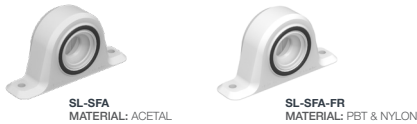
Heavy-Duty Mounting
Robust fixing, allowing for heavy panel mounting and suitable for heavy duty applications.

Stratlock Range

SL-SFA & SL-SFA-FR

SL-SFA & SL-SFA-FR

TECHNICAL DATA



The following table data is based on the below models being used in conjunction with the SL-SFA or SL-SFA-FR.

Model	Material	Min. Pull Out Load	Min. Shear Load	Max panel weight per area: Walls	Max panel weight per area: Ceilings
SL-M10	Glass Filled Nylon	10kg (22lb)	80kg (176lb)	15kg/m² (3 lb/ft²)	10kg/m² (2 lb/ft²)
SL-M18	Glass Filled Nylon	18kg (40lb)	105kg (232lb)	25kg/m² (5 lb/ft²)	25kg/m² (5 lb/ft²)
SL-M18-FR	Shinite	18kg (40lb)	80kg (176lb)	25kg/m² (5 lb/ft²)	25kg/m² (5 lb/ft²)

**Products have been tested by a recognized international quality/assurance company. Test reports are available by request. If you are still unsure about panel weight recommendations or would like to confirm any other details regarding panel weights, please contact info@fastmount.com. All clips have been tested up to 500 cycles while still maintaining the minimum pull out load.*

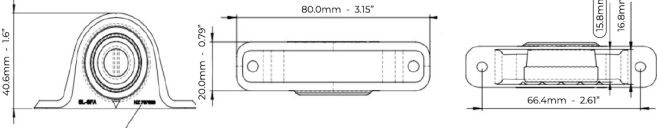
As an example, for a 2400mm x 1200mm (8'x4') panel, the maximum panel weights for each male clip type would be as follows:

- WALLS**
SL-M10: Max weight 43kg (95lbs)
SL-M18: Max weight 72kg (159lbs)
- CEILINGS**
SL-M10: Max weight 29kg (64lbs)
SL-M18: Max weight 72kg (159lbs)

**Panel weight data is valid only if installed as per the relevant Clip Layout Guide.*

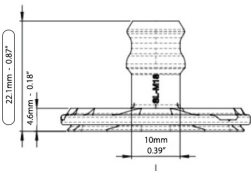
SL-SFA FEMALE CLIP DIMENSIONS

(Dimensions are identical for both the SL-SFA and SL-SFA-FR)



MALE CLIP DIMENSIONS

(Dimensions are identical for the SL-M10, SL-M18 and SL-M18-FR).



PANEL GAP

The use of the SL-SFA alongside any of the male clips from the Stratlock Range, provides a 6mm (0.24") gap between panel and substrate.



ADJUSTABILITY

The SL-SFA allows for a total of 8mm (3/8") adjustability or 4mm (5/32") in any lateral direction before locking into the final position. This is done via a 2-stage engagement process.

INSTALLATION OPTIONS

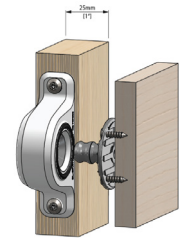
SL-SFA FEMALE CLIP

The SL-SFA can be seamlessly integrated and installed onto existing framework and is suitable to be installed onto timber, aluminum, and steel framework. It is important that the framework is flat and on the same plane to ensure the clips can be accurately mounted to hold the panels flat.

OPTION 1:

TIMBER BATTEN/TIMBER FRAMING

Min thickness: 25mm (1")
Installed using 2x #8 16mm (5/8") long pan head screws.

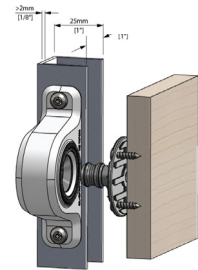


OPTION 2:

ALUMINIUM U-CHANNEL/ALUMINIUM EXTRUSION

Min thickness: 2mm (5/64")
Installed using 2x #8 16mm (5/8") long Tek screws.

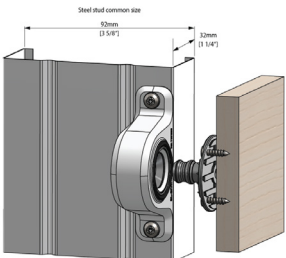
A commonly used u-channel size is 25mm (1") x 25mm (1"), with a minimum thickness of 2mm (1/16")



OPTION 3:

STEEL STUD/STEEL FRAMING

Installed using 2x #8 16mm (5/8") long Tek screws.



MALE CLIPS

SL-M10, SL-M18 AND SL-M18-FR can either be screwed or glue mounted.



SCREW MOUNTED

All Stratlock Range male clips can be screwed using either 1x #8 32mm (1 1/4") screw through the center, or 3x #5 12mm (1/2") screws through the base groove.

GLUE MOUNTED

Clips can be glued using a high quality 2-part epoxy glue.

Fastmount recommend the testing of glue with any Fastmount product first, to ensure the integrity of the hold. If unsure about which glue to use, please contact info@fastmount.com for more details.

While there are a variety of different adhesives that are suitable to use alongside the Stratlock male clips, one adhesive that Fastmount recommends is the Kommerling Korapur 784/1. However, it is recommended to still conduct preliminary testing to ensure compatibility.

CENTER POINTS

The CP-01ST center points can be used in conjunction with the SL-SFA and any of the male clips from the Stratlock Range.



The center points are inserted into the SL-SFA female clips. The panel is then pushed against the center points, marking the center points for the Stratlock Range male clips, to help ensure correct alignment between panel and framing.

Stratlock Range

SL-SFA & SL-SFA-FR

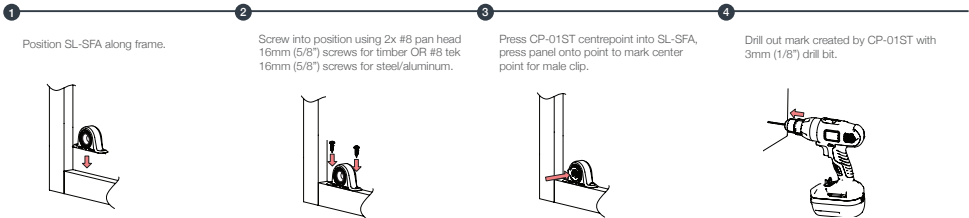
DATA SHEET

INSTALLATION STEPS

The below installation step guide covers the installation of the SL-SFA, SL-SFA-FR and corresponding male clip for all three applications:

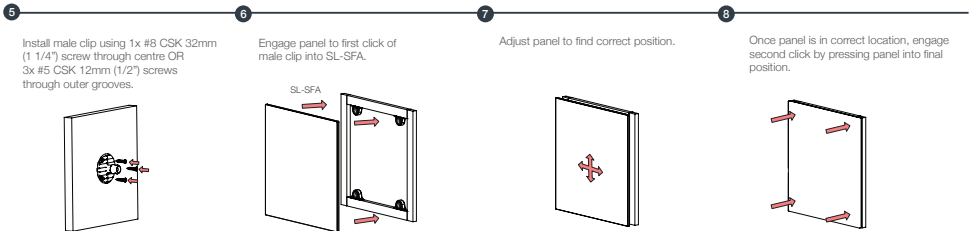
- Timber Batten/Timber Framing
- Aluminum U-Channel/Aluminum Extrusion
- Steel Stud/Steel Framing

INSTALL SL-SFA

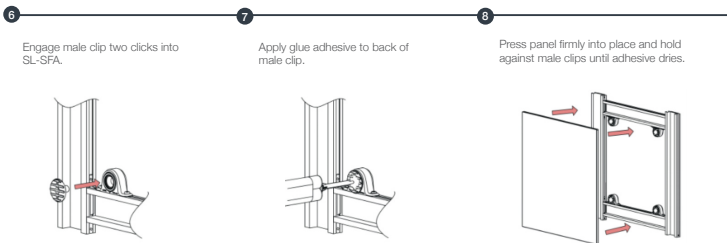


INSTALL MALE CLIP: OPTION 1 SCREW MOUNTED

Male clips can be screwed using either 1x #8 32mm (1 1/4") screw through the center, or 3x #5 12mm (1/2") screws through the base grooves.




INSTALL MALE CLIP: OPTION 2 GLUE MOUNTED




**For recommended clip spacings and quantities based on certain panel sizes, please refer to our clip layout guides*

REMOVING PANELS


Fastmount also provide panel removal tools which can help make the removal of panels easier.



CT-05
Stainless steel removal tool, for removing upholstered panels. Requires a minimum gap of 3mm (0.12").



CT-05H
Stainless steel removal tool with fold down hook, for use with lacquered and/or textured panels. Hook requires a minimum gap of 1mm (0.04").



CT-05H
Suction cup sucker tool, for removing heavier panels or painted/pre-finished panels. Two required for controlled panel removal.

Stratlock Range

SL-SMT1

The Stratlock SL-SMT1 is a side mounted clip system designed to be used with the Stratlock Rail System (SL-RLE). The SL-SMT1 allows for the installation of Fastmount PanelSafe products or threaded rods while also ensuring secure support for ceiling panels, while allowing for the installation of a suspended ceiling. The SL-SMT1 can also be used to create a standoff wall.

The SL-SMT1 is ideal for commercial interior fit-outs, a wide range of architectural applications, and interior ceiling panels.

The SL-SMT1 is compatible with Fastmount PanelSafe products and threaded rods. This can allow for a static load of up to 50kg (110 lbs) per clip when used to with a threaded rod, offering heavy-duty suspension of interior ceiling panels and wall panels mounted with a standoff.



USE WITH:



APPLICATIONS

- Commercial fit-outs (offices, retail stores)
- Hospitality
- Healthcare
- Education
- Heavyweight ceiling panels
- Stand off wall panels
- Suspended ceilings

**Not suitable for glass and fibre-cement panels.*



FEATURES

-  **Simple Installation**
Designed for easy installation while also saving time and reducing re-work.
-  **Compatibility**
Works with Fastmount's own PanelSafe products, along with standard threaded rods.
-  **Suspended Ceiling**
Enables enhanced flexibility and easy access to utilities and wiring above the ceiling.
-  **Load Capacity**
Supports a static load of up to 50kg (110 lbs) per clip when used to suspend a ceiling (using threaded rod).
-  **Heavy-Duty Mounting**
Robust fixing, allowing for heavy panel mounting and suitable for heavy duty applications.

Stratlock Range

SL-SMT1

TECHNICAL DATA



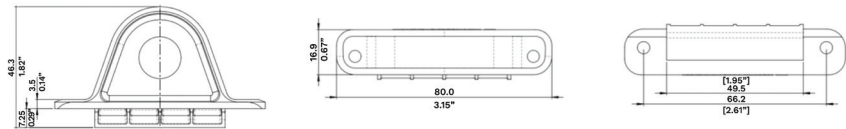
SL-FB1
MATERIAL: NYLON

The following table data is based on the below models being used in conjunction with the SL-RLE.

Model	Static Load Capacity
PS-150E	50kg (110lbs) per clip
PS-S150E	50kg (110lbs) per clip

**Products have been tested by a recognized international quality/assurance company. Test reports are available by request. If you are still unsure about panel weight recommendations or would like to confirm any other details regarding panel weights, please contact info@fastmount.com.*

SL-SMT1 CLIP DIMENSIONS



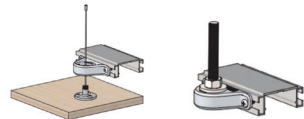
Stratlock Range

SL-SMT1

INSTALLATION OPTIONS

SL-SMT1

The SL-SMT1 is designed to be installed onto the Stratlock rail (SL-RLE).



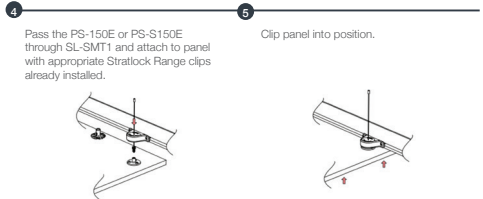
Installed using 2x #8 16mm (5/8") long pan head screws.

INSTALLATION STEPS

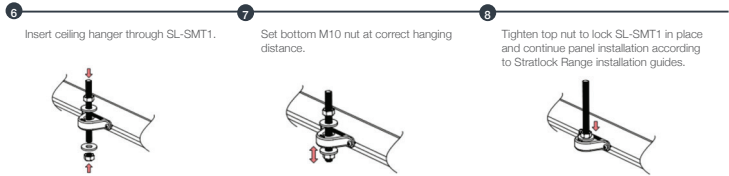
INSTALL SL-SMT1 INTO SL-RLE



INSTALL PS-S150E USING SL-SMT1



INSTALL THREADED ROD USING SL-SMT1



For recommended clip spacings and quantities based on certain panel sizes, please refer to our clip layout guides.

REMOVING PANELS

Fastmount also provide panel removal tools which can help make the removal of panels easier.



CT-05
Stainless steel removal tool, for removing upholstered panels. Requires a minimum gap of 3mm (0.12").



CT-05H
Stainless steel removal tool with fold down hook, for use with lacquered and/or textured panels. Hook requires a minimum gap of 1mm (0.04").



CT-17
Suction cup sucker tool, for removing heavier panels or painted/pre-finished panels. Two required for controlled panel removal.

SLX Range

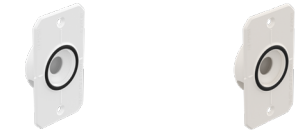
SLX-F1.5R & SLX-F1.5R-FR

The SLX-F1.5R alongside the male counterparts SLX-M5, SLX-M10, SLX-M18 and SLX-M25, is a clip system designed to be used with Drywall and Plywood and is available in both standard and fire-rated versions. The SLX-F1.5R is ideal for commercial interior fit-outs, a wide range of architectural applications, and is suitable for both wall and ceiling panels.

The SLX-1.5R is compatible with the SLX-F5, SLX-M10, SLX-M18 and SLX-M25 male clips, offering either a 5kg (11lb), 10kg (22lb), 18kg (40lb) or 25kg (55lb) pull out load. The SLX-M18 male clip is also available in a fire-rated version (SLX-M18-FR).

The SLX-F1.5R is designed specifically to reduce on-site installation time while ensuring long-lasting performance in demanding applications.

The SLX-F1.5R features a 360-degree adjustability function, allowing for precise positioning of panels before locking into place via a 2-stage engagement process. The adjustability allows panel adjustment of 6mm (1/4") before locking panels into place. The use of the SLX-F1.5R, alongside any of the SLX Range male clips, provides a 7mm (0.27") gap between panel and substrate.



SLX-F1.5R
FEMALE CLIP FOR DRYWALL & PLYWOOD

SLX-F1.5R-FR
FEMALE FIRE RATED CLIP FOR DRYWALL & PLYWOOD

USE WITH:



APPLICATIONS

- Commercial fit-outs (retail and offices)
- Hospitality
- Healthcare
- Education
- Wall and ceiling panels
- Fire-rated applications

**Not suitable for glass and fibre-cement panels.*



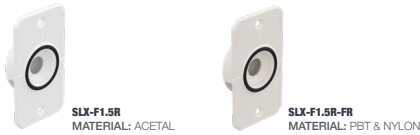
FEATURES

- Simple Installation**
Designed for easy installation while also saving time and reducing re-work.
- Adjustability**
Features 360-degree adjustability, allowing for versatile and precise positioning of panels 6mm total (1/4") before locking into final position.
- Non-Sequential Removability**
Offers the advantage of non-sequential removability, allowing panels to be detached in any order for greater flexibility during maintenance and adjustments.
- No Top Gap Required**
Allows for the removal or replacement of the top panel without leaving a gap above it, ensuring a seamless and flush fit.
- Heavy-Duty Mounting**
Robust fixing, allowing for heavy panel mounting and suitable for heavy duty applications.

SLX Range

SLX-F1.5R & SLX-F1.5R-FR

TECHNICAL DATA



The following table data is based on the below models being used in conjunction with the SLX-F1.5R or SLX-F1.5R-FR.

Model	Material	Min. Pull Out Load	Min. Shear Load	Max weight per square meter: Walls	Max weight per square meter: Ceilings
SLX-M5	Glass Filled Nylon	5kg (11lb)	100kg (220lb)	10kg/m² (2lb/ft²)	8kg/m² (2lb/ft²)
SLX-M10	Glass Filled Nylon	10kg (22lb)	100kg (220lb)	15kg/m² (3lb/ft²)	10kg/m² (2lb/ft²)
SLX-M18	Glass Filled Nylon	18kg (40lb)	100kg (220lb)	25kg/m² (5lb/ft²)	25kg/m² (5lb/ft²)
SLX-M18-FR	Shinite	18kg (40lb)	100kg (220lb)	25kg/m² (5lb/ft²)	25kg/m² (5lb/ft²)

As an example, for a 2400mm x 1200mm (8'x4') panel, the maximum panel weights for each male clip type would be as follows:

WALLS

- SLX-M5: Max weight 29kg (63lb)
- SLX-M10: Max weight 43kg (95lb)
- SLX-M18: Max weight 72kg (159lb)

CEILING

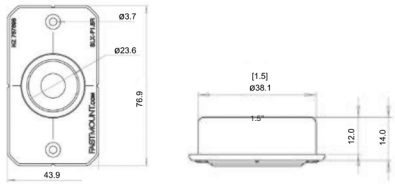
- SLX-M10: Max weight 29kg (64lbs)
- SLX-M18: Max weight 72kg (159lbs)

Panel weight data is valid only if installed as per the relevant Clip Layout Guide. If you are still unsure about panel weight recommendations or would like to confirm any other details regarding panel weights, please contact info@fastmount.com. Products have been tested by a recognized international quality/assurance company. Test reports are available by request. All clips have been tested up to 500 cycles while still maintaining the minimum pull out load.

PLEASE NOTE: For panels which are to be frequently removed, Fastmount does not recommend the use of the SLX-M18 male clip.

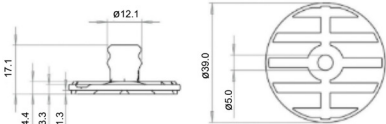
SLX-F1.5R CLIP DIMENSIONS

(Dimensions are identical for both the SLX-F1.5R and SLX-F1.5R-FR)



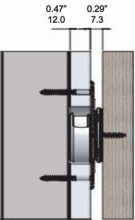
MALE CLIP DIMENSIONS

(Dimensions are identical for the SLX-M5, SLX-M10, SLX-M18 and SLX-M18-FR)



PANEL GAP

The use of the SLX-F1.5R alongside any of the male clips from the SLX Range, provides a 7mm (0.27") gap between panel and substrate.



ADJUSTABILITY

The SLX-F1.5R allows for a total of 6mm (1/4") adjustability before locking into the final position. This is done via a 2-stage engagement process.

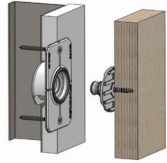
SLX Range

SLX-F1.5R & SLX-F1.5-FR

INSTALLATION OPTIONS

SLX-F1.5R & SLX-F1.5R-FR

The SLX-F1.5R is designed to be installed into drywall or plywood. With drywall the screw is to go through to the stud behind or if you miss the stud, a metal hollow wall anchor can be used.



Installed using 2x #8 25mm (1") long CSK head screws.

Male Clips

SLX-M5, SLX-M10, SLX-M18 and SLX-M18-FR can either be screwed or glue mounted.



SLX-M5 SLX-M10 SLX-M18 SLX-M18-FR

SCREW MOUNTED

All SLX Range male clips can be screwed using either 1x #8 25mm (1") or 1 x 32mm (1 1/4") screw through the center, or 3x #5 12mm (1/2") screws through the base grooves.

GLUE MOUNTED

Clips can be glued using a high quality 2-part epoxy glue.

Fastmount recommend the testing of glue with any Fastmount product first, to ensure the integrity of the hold. If unsure about which glue to use, please contact info@fastmount.com for more details.

While there are a variety of different adhesives that are suitable to use alongside the male clips, adhesives that Fastmount recommend are the Kommerling Korapur 784/5 or 3M Scotch-Weld DP100 Plus. However, it is recommended to still conduct preliminary testing to ensure compatibility.

CENTER POINTS

The CP-01ST center points can be used in conjunction with the SLX-F1.5R, and alongside any of the male clips from the SLX Range.



The center points are inserted into the SLX-F1.5R female clips. The panel is then pushed against the center points, marking the center points for the male clips, to help ensure correct alignment between female and male clip.

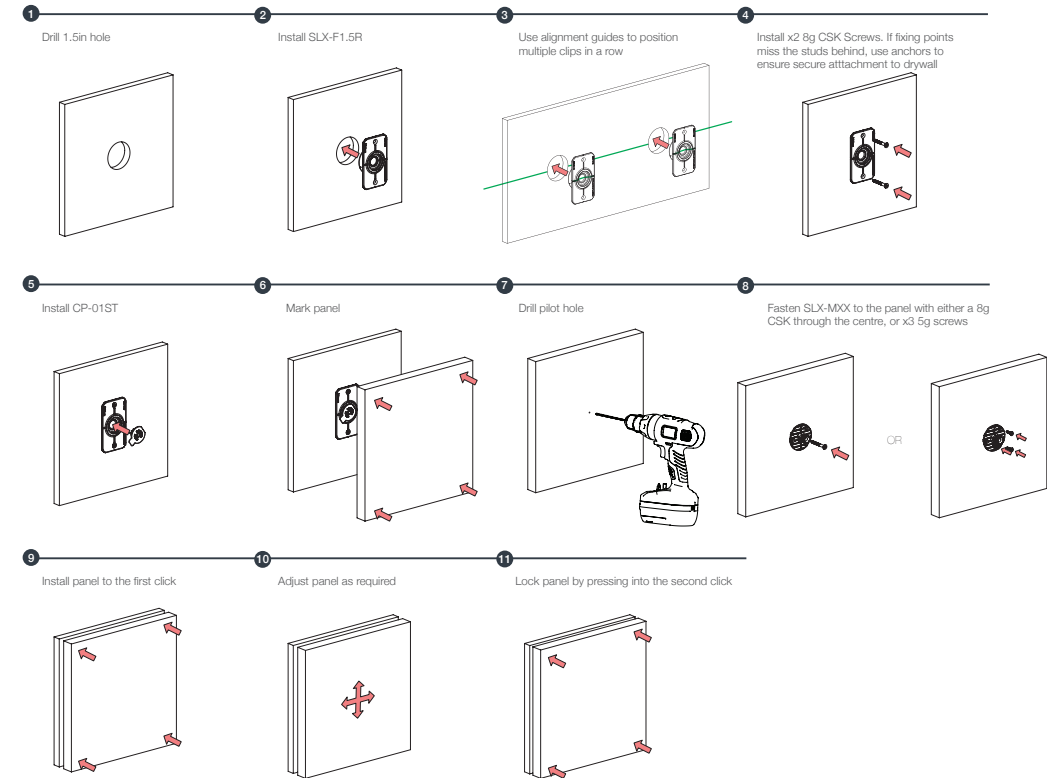
SLX Range

SLX-F1.5R & SLX-F1.5R-FR

INSTALLATION STEPS

SLX-F1.5R SCREW MOUNT

INSTALL SLX-F1.5R



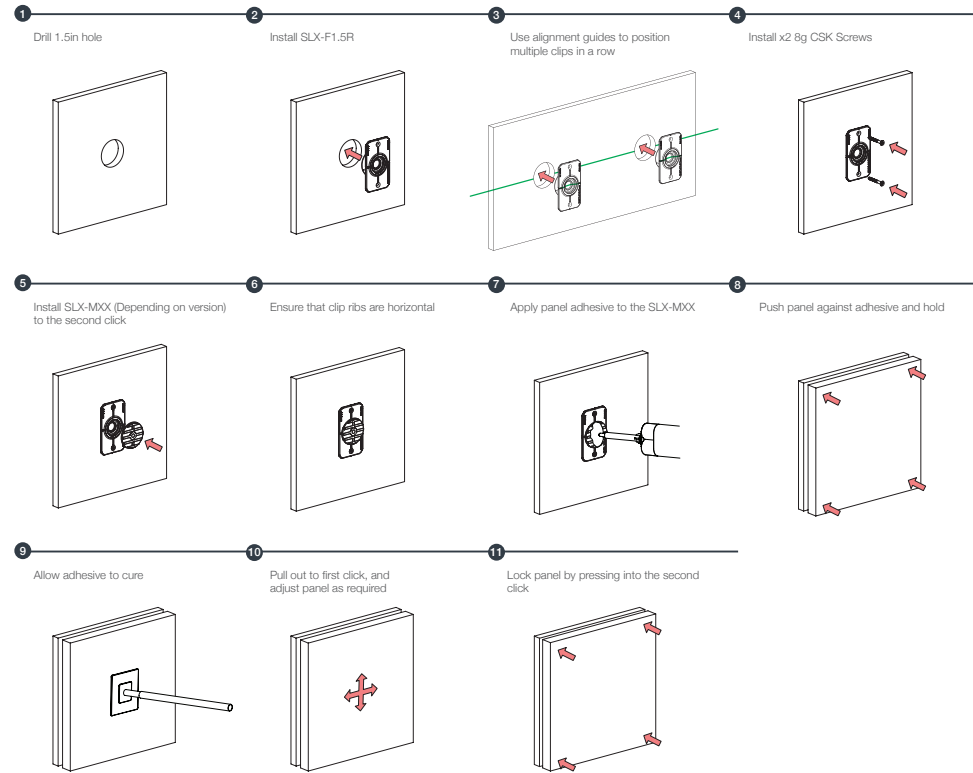
SLX Range

SLX-F1.5R & SLX-F1.5-FR

INSTALLATION STEPS

SLX-F1.5R ADHESIVE MOUNT

INSTALL SLX-F1.5R



REMOVING PANELS

Fastmount also provide panel removal tools which can help make the removal of panels easier.



CT-05
Stainless steel removal tool, for removing panels. Requires a minimum gap of 3mm (0.12").



CT-05H
Stainless steel removal tool with fold down hook, for use with lacquered and/or textured panels.



CT-17
Suction cup sucker tool, for removing heavier panels or painted/pre-finished panels. Two required for controlled panel removal.

DATA SHEET

FASTMOUNT
PANEL MOUNTING SOLUTIONS

SLX Range

SLX-F40R & SLX-F40R-FR

The SLX-F40R alongside the male counterparts SLX-M5, SLX-M10, SLX-M18 and SLX-M25 is a surfaced mounted clip system designed to be used with Plasterboard and Plywood and is available in both standard and fire-rated versions. The SLX-F40R is ideal for commercial interior fit-outs, a wide range of architectural applications, and is suitable for both wall and ceiling panels.

The SLX-40R is compatible with the SLX-M5, SLX-M10, SLX-M18 and SLX-M25 male clips, offering either a 5kg (11lb), 10kg (22lb), 18kg (40lb) or 25kg (55lb) pull out load. The SLX-M18 male clip is also available in a fire-rated version (SLX-M18-FR).

The SLX-F40R is designed specifically to reduce on-site installation time while ensuring long-lasting performance in demanding applications.

The SLX-F40R features a 360-degree adjustability function, allowing for precise positioning of panels before locking into place via a 2-stage engagement process. The adjustability allows panel adjustment of 6mm (1/4") before locking panels into place. The use of the SLX-F40R, alongside any of the SLX Range male clips, provides a 7mm (0.27") gap between panel and substrate.



SLX-F40R
FEMALE CLIP FOR PLASTERBOARD



SLX-F40R-FR
FEMALE FIRE RATED CLIP FOR PLASTERBOARD

USE WITH:



SLX-M5
SLX MALE CLIP 5KG / 11LB



SLX-M10
SLX MALE CLIP 10KG / 22LB



SLX-M18
SLX MALE CLIP 18KG / 40LB



SLX-M18-FR
SLX MALE CLIP 18KG / 40LB FIRE RATED



CP-01ST
STANDARD RANGE CENTRE POINT

APPLICATIONS

- Commercial fit-outs (retail and offices)
- Hospitality
- Healthcare
- Education
- Wall and ceiling panels
- Fire-rated applications

*Not suitable for glass and fibre-cement panels.



FEATURES



Simple Installation

Designed for easy installation while also saving time and reducing re-work.



Adjustability

Features 360-degree adjustability, allowing for versatile and precise positioning of panels 6mm total (1/4") before locking into final position.



Non-Sequential Removability

Offers the advantage of non-sequential removability, allowing panels to be detached in any order for greater flexibility during maintenance and adjustments.



No Top Gap Required

Allows for the removal or replacement of the top panel without leaving a gap above it, ensuring a seamless and flush fit.



Heavy-Duty Mounting

Robust fixing, allowing for heavy panel mounting and suitable for heavy duty applications.

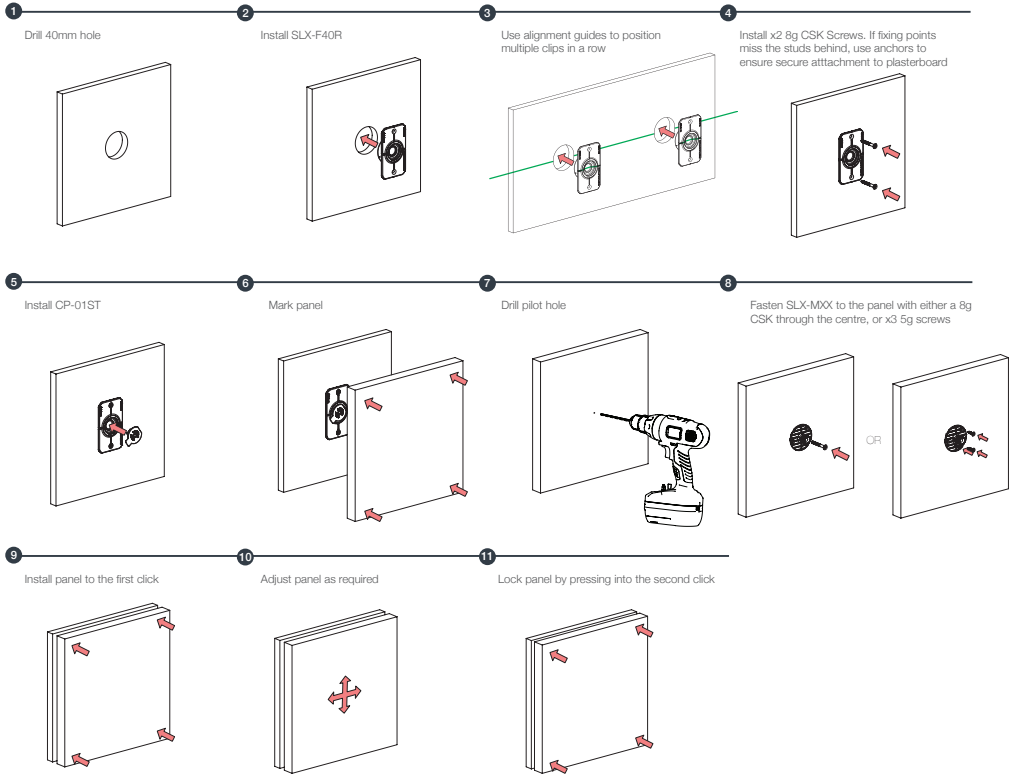
SLX Range

SLX-F40R & SLX-F40R-FR

INSTALLATION STEPS

SLX-F40R SCREW MOUNT

INSTALL SLX-F40R



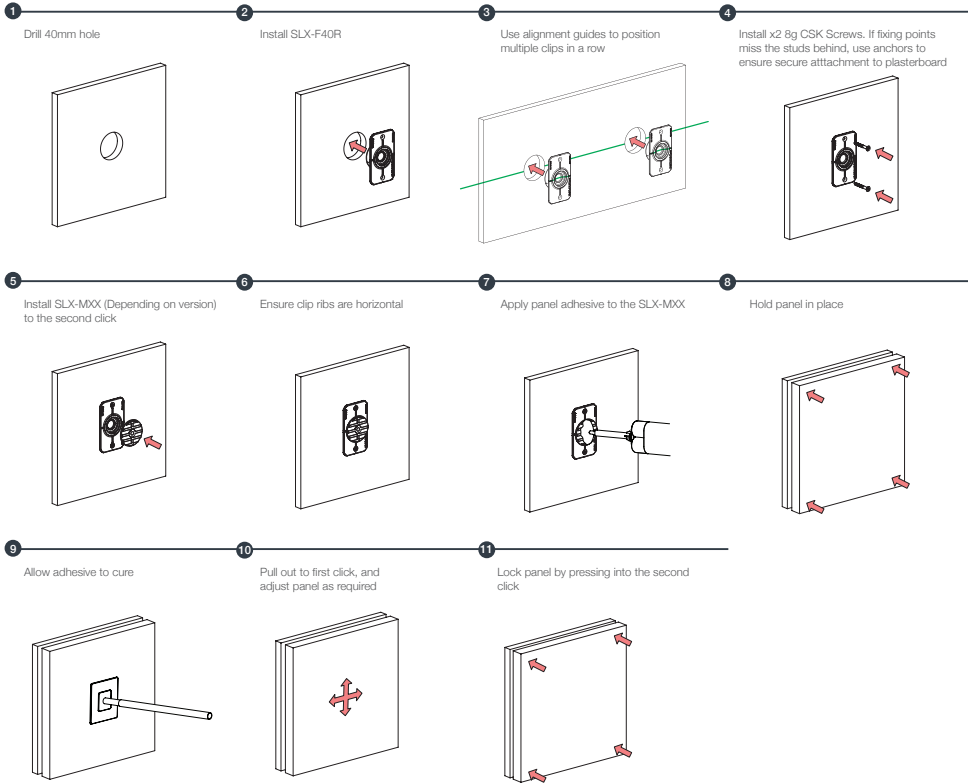
SLX Range

SLX-F40R & SLX-F40R-FR

INSTALLATION STEPS

SLX-F40R ADHESIVE MOUNT

INSTALL SLX-F40R



REMOVING PANELS

Fastmount also provide panel removal tools which can help make the removal of panels easier.



CT-05
Stainless steel removal tool, for removing panels. Requires a minimum gap of 3mm (0.12").



CT-05H
Stainless steel removal tool with fold down hook, for use with lacquered and/or textured panels.



CT-17
Suction cup sucker tool, for removing heavier panels or painted/pre-finished panels. Two required for controlled panel removal.

SLX Range

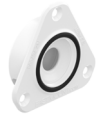
SLX-F40T

The SLX-F40T alongside the male counterparts SLX-M5, SLX-M10, SLX-M18 and SLX-25, is a surfaced mounted clip system designed to be used with plywood or MDF. The SLX-F40T is ideal for commercial interior fit-outs, a wide range of architectural applications, and is suitable for both wall and ceiling panels.

The SLX-F40T is compatible with the SLX-F5, SLX-M10, SLX-M18 and SLX-M25 male clips, offering either a 5kg (11lb), 10kg (22lb), 18kg (40lb) or 25kg (55lb) pull out load.

The SLX-F40T is designed specifically to reduce on-site installation time while ensuring long-lasting performance in demanding applications.

The SLX-F40T features a 360-degree adjustability function, allowing for precise positioning of panels before locking into place via a 2-stage engagement process. The adjustability allows panel adjustment of 6mm (1/4") before locking panels into place. The use of the SLX-F40T, alongside any of the SLX Range male clips, provides a 7mm (0.27") gap between panel and substrate.



SLX-F40T
FEMALE CLIP FOR PLYWOOD

USE WITH:



SLX-M5
SLX MALE CLIP 5KG / 11LB



SLX-M10
SLX MALE CLIP 10KG / 22LB



SLX-M18
SLX MALE CLIP 18KG / 40LB



SLX-M25
SLX MALE CLIP 25KG / 55LB



CP-01ST
STANDARD RANGE CENTRE POINT

APPLICATIONS

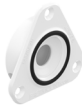
- Commercial fit-outs (retail and offices)
- Hospitality
- Healthcare
- Education
- Wall and ceiling panels

*Not suitable for glass and fibre-cement panels.

SLX Range

SLX-F40T

TECHNICAL DATA



SLX-F40T
MATERIAL: ACETAL

The following table data is based on the below models being used in conjunction with the SLX-F40T.

Model	Material	Min. Pull Out Load	Min. Shear Load	Max weight per square meter: Walls	Max weight per square meter: Ceilings
SLX-M5	Glass Filled Nylon	5kg (11lb)	100kg (220lb)	10kg/m² (2lb/ft²)	8kg/m² (2lb/ft²)
SLX-M10	Glass Filled Nylon	10kg (22lb)	100kg (220lb)	15kg/m² (3lb/ft²)	10kg/m² (2lb/ft²)
SLX-M18	Glass Filled Nylon	18kg (40lb)	100kg (220lb)	25kg/m² (5lb/ft²)	25kg/m² (5lb/ft²)
SLX-M25	Glass Filled Nylon	25kg (55lb)	100kg (220lb)	30kg/m² (6lb/ft²)	30kg/m² (6lb/ft²)

As an example, for a 2400mm x 1200mm (8'x4') panel, the maximum panel weights for each male clip type would be as follows:

WALLS

SLX-M5: Max weight 29kg (63lb)
SLX-M10: Max weight 43kg (95lb)
SLX-M18: Max weight 72kg (159lb)
SLX-M25: Max weight 86kg (190lb)

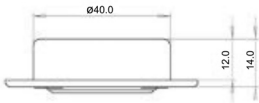
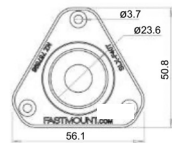
CEILINGS

SLX-M10: Max weight 29kg (64lbs)
SLX-M18: Max weight 72kg (159lbs)
SLX-M25: Max weight 86kg (190lbs)

Panel weight data is valid only if installed as per the relevant Clip Layout Guide. If you are still unsure about panel weight recommendations or would like to confirm any other details regarding panel weights, please contact: info@fastmount.com. Products have been tested by a recognized international quality/assurance company. Test reports are available by request. All clips have been tested up to 500 cycles while still maintaining the minimum pull out load.

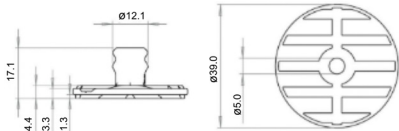
PLEASE NOTE: For panels which are to be frequently removed, Fastmount does not recommend the use of the SLX-M18 or SLX-M25 male clips.

SLX-F40T CLIP DIMENSIONS



MALE CLIP DIMENSIONS

(Dimensions are identical for the SLX-M5, SLX-M10, SLX-M18 and SLX-M25)



PANEL GAP

The use of the SLX-F40T alongside any of the male clips from the SLX Range, provides a 7mm (0.27") gap between panel and substrate.



ADJUSTABILITY

The SLX-F40T allows for a total of 6mm (1/4") adjustability before locking into the final position. This is done via a 2-stage engagement process.

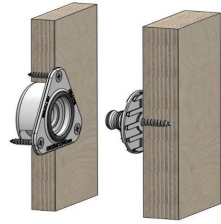
SLX Range

SLX-F40T

INSTALLATION OPTIONS

SLX-F40T

The SLX-F40T is designed to be installed into plywood or MDF.



Installed using 3x #8 16mm (5/8") long CSK head screws.

Male Clips

SLX-M5, SLX-M10, SLX-M18 and SLX-M25 can either be screwed or glue mounted.



SLX-M5 SLX-M10 SLX-M18 SLX-M25

SCREW MOUNTED

All SLX Range male clips can be screwed using either 1x #8 25mm (1") or 1x 32mm (1 1/4") screw through the center, or 3x #5 12mm (1/2") screws through the base grooves.

GLUE MOUNTED

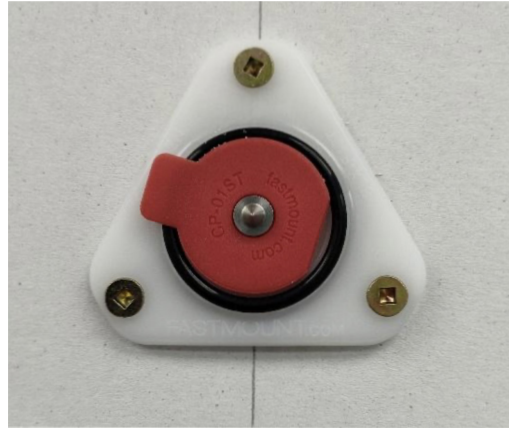
Clips can be glued using a high quality 2-part epoxy glue.

Fastmount recommend the testing of glue with any Fastmount product first, to ensure the integrity of the hold. If unsure about which glue to use, please contact info@fastmount.com for more details.

While there are a variety of different adhesives that are suitable to use alongside the SLX male clips, adhesives that Fastmount recommend are the Kommerling Korapur 784/5 or 3M Scotch-Weld DP100 Plus. However, it is recommended to still conduct preliminary testing to ensure compatibility.

CENTER POINTS

The CP-01ST center points can be used in conjunction with the SLX-F4T, and alongside any of the male clips from the SLX Range.



The center points are inserted into the SLX-F40T female clips. The panel is then pushed against the center points, marking the center points for the male clips, to help ensure correct alignment between female and male clip.

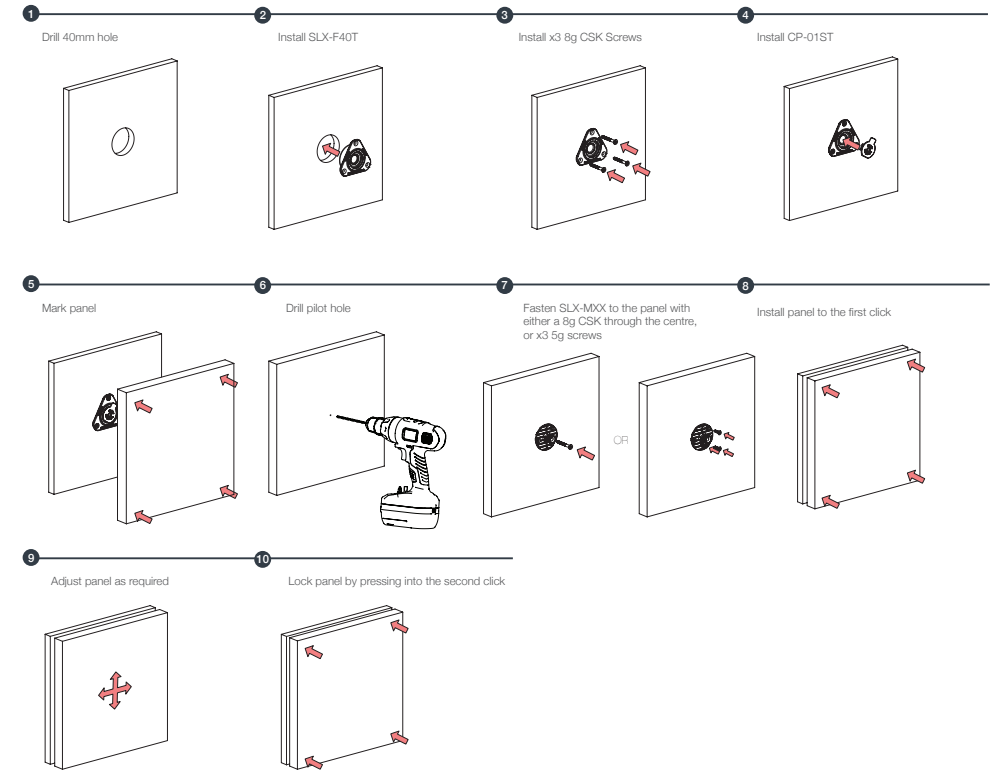
SLX Range

SLX-F40T

INSTALLATION STEPS

SLX-F40T SCREW MOUNT

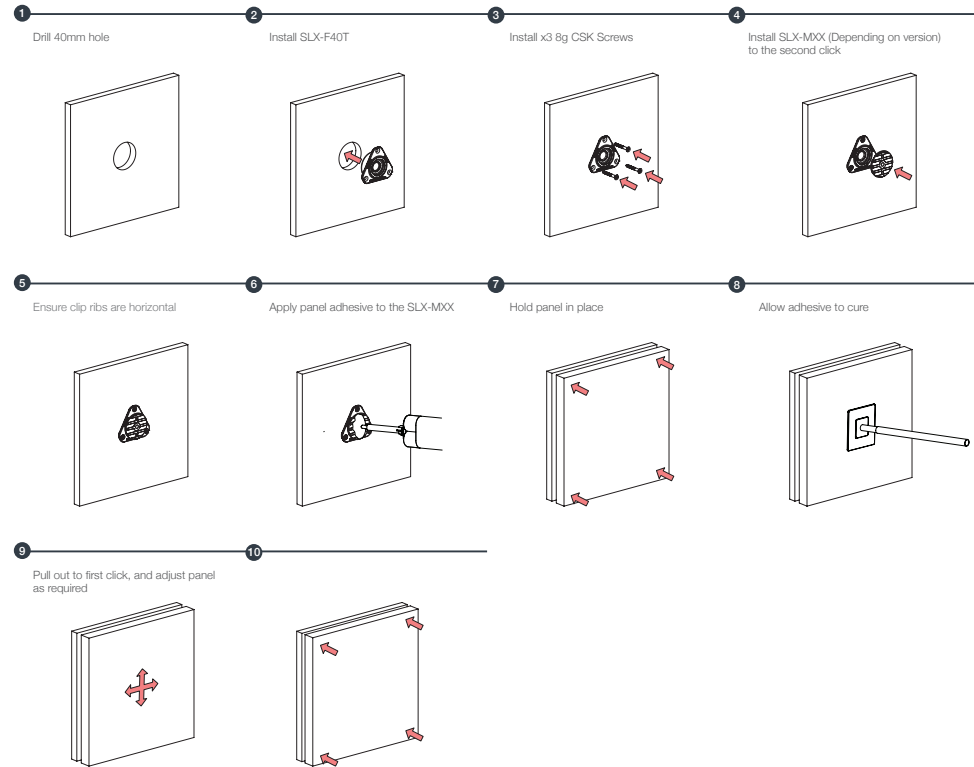
INSTALL SLX-F40T



INSTALLATION STEPS

SLX-F40T ADHESIVE MOUNT

INSTALL SLX-F40T



REMOVING PANELS

Fastmount also provide panel removal tools which can help make the removal of panels easier.



CT-05
Stainless steel removal tool, for removing panels.



CT-05H
Stainless steel removal tool with fold down hook, for use with lacquered and/or textured panels.



CT-17
Suction cup sucker tool, for removing heavier panels or painted/pre-finished panels. Two required for controlled panel removal.

PANELSAFE PS RANGE

PS-150 PRODUCT GUIDE

PS-150 PanelSafe - Self Tapping Male

PanelSafe restraint systems The PS-150 is for use with substrates with a cavity behind that can accommodate the spring, provide added security and control. The panel is suspended below the ceiling for convenient servicing behind the panel or controlled removal of the panel by releasing the wire. For use with Fastmount clips and installation tools.

Standard 150mm drop, custom lengths available on request.

PS-150



USE WITH:

PC Standard Range
LP Low Profile Range
VL Very Low Profile Range
MC Metal Range

MATERIAL:

Silver Aluminium/stainless steel

MORE INFO:

Installation Guide PS-150
Clip Layout Guide PS-150

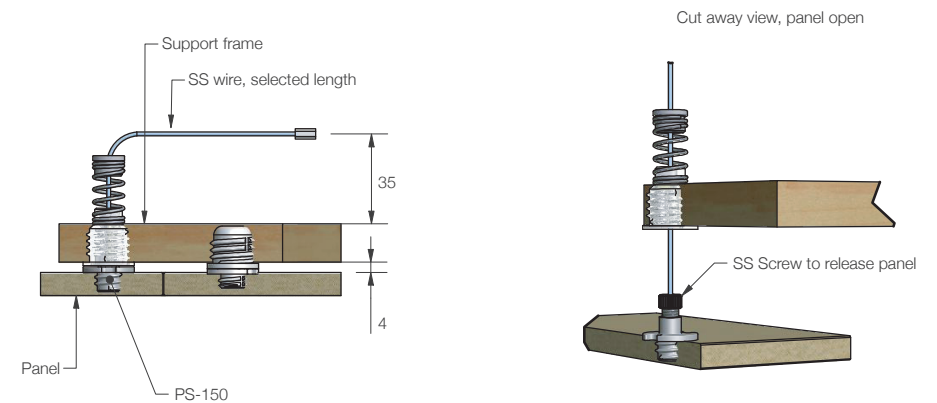
BENEFITS

- Provides extra security for heavy panels
- Easy one-person removal of large panels
- Convenient servicing behind panel without full removal
- Prevents panels falling during fire exit
- Works with existing Fastmount clips
- Variable length to suit application
- Self tapping option available

APPLICATIONS

- Heavy panels
- Large panels
- Thin walled panels requiring adhesive mounting
- Inspection and service panels
- Panels above valuable furniture and artwork

INSTALLATION: Partially exploded through section showing typical installation method



PANELSAFE PS RANGE

PS-150E PRODUCT GUIDE

PS-150E PanelSafe Easy Fit - Self Tapping Male

PanelSafe Easy Fit restraint systems provide added security and control. The panel is suspended below the ceiling for convenient servicing behind the panel or controlled removal of the panel by releasing the wire. For use with Fastmount system clips and installation tools. The PS-150 is for use with substrates with a cavity behind that can accommodate the spring.



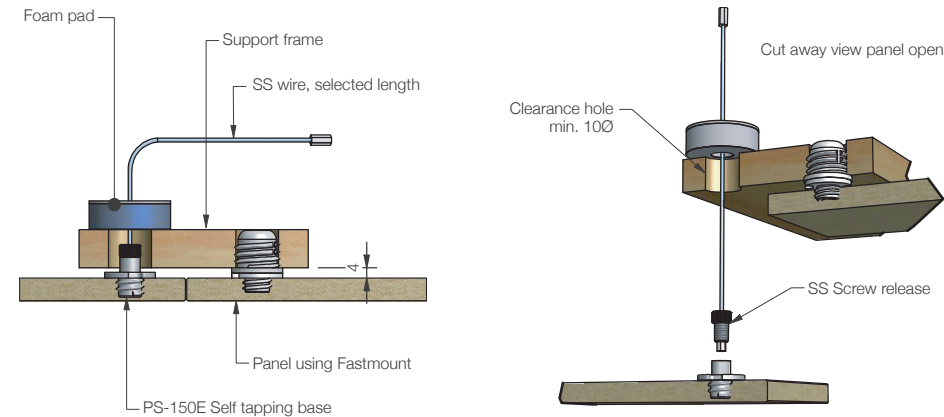
USE WITH:
PC Standard Range
LP Low Profile Range
VL Very Low Profile Range
MC Metal Range
SL-SMT1

MATERIAL: Silver Aluminium/stainless steel
MORE INFO: Installation Guide PS-150E
Clip Layout Guide PS-150E

- BENEFITS**
- Provides extra security for heavy panels
 - Easy one person removal of large panels
 - Convenient servicing behind panel without full removal
 - Prevents panels falling during fire exit
 - Works with existing Fastmount clips
 - Variable length to suit application
 - Surface mount option available

- APPLICATIONS**
- Heavy panels
 - Large panels
 - Inspection and service panels
 - Panels above valuable furniture and artwork

INSTALLATION: Partially exploded through section showing typical installation method



PANELSAFE PS RANGE

PS-150E PRODUCT GUIDE

PS-S150E PanelSafe Easy Fit - Surface Mount

PanelSafe Easy Fit restraint systems provide added security and control. The panel is suspended below the ceiling for convenient servicing behind the panel or controlled removal of the panel by releasing the wire. For use with Fastmount system clips and installation tools. The PS-S150E is for use with substrates with a cavity behind that can accommodate the spring.



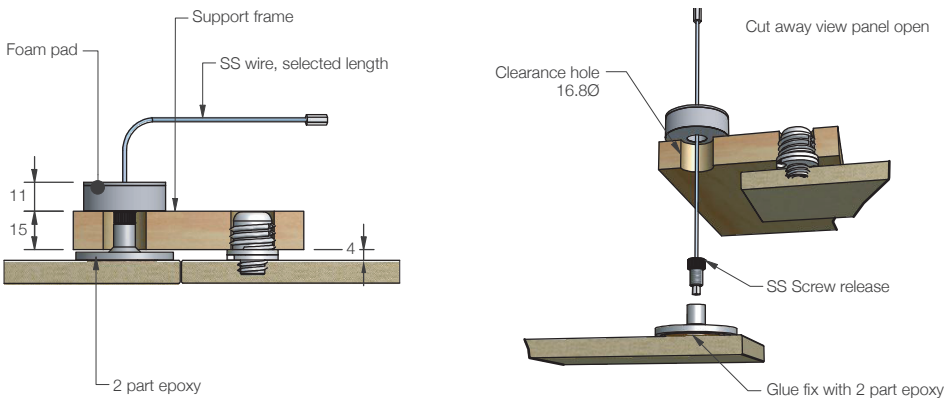
USE WITH:
PC Standard Range
LP Low Profile Range
VL Very Low Profile Range
MC Metal Range
SL-SMT1

MATERIAL: Silver Aluminium/stainless steel
MORE INFO: Installation Guide PS-150E
Clip Layout Guide PS-150E

- BENEFITS**
- Provides extra security for heavy panels
 - Easy one person removal of large panels
 - Convenient servicing behind panel without full removal
 - Prevents panels falling during fire exit
 - Works with existing Fastmount clips
 - Variable length to suit application
 - Self tapping option available

- APPLICATIONS**
- Heavy panels
 - Large panels
 - Thin walled panels requiring adhesive mounting
 - Inspection and service panels
 - Panels above valuable furniture and artwork

INSTALLATION: Partially exploded through section showing typical installation method



PANELSAFE PS RANGE

PS-SR225S PRODUCT GUIDE

PS-SR225S Seismount™ Galvanised Steel – 225mm

The PanelSafe Seismount in galvanised steel is a strong solution for high volume architectural installation where added security and control of the panel is required. The Seismount allows the panel to be suspended below the ceiling for convenient servicing behind the panel or controlled removal of the panel. Install with M10 pan head screw or 6.3 x 8mm euro screw. Simply unhook the strap from the screws to remove the panel.

Drop length 225mm. 144kg break load for the PS-SR225S in both wall and ceiling applications.

PS-SR225S



USE WITH:

- PC Standard Range
- LP Low Profile Range
- VL Very Low Profile Range
- MC Metal Range
- SL Stratlock Range

MATERIAL:
Matt silver Galvanised steel

MORE INFO:
Installation Guide PS-SR225S

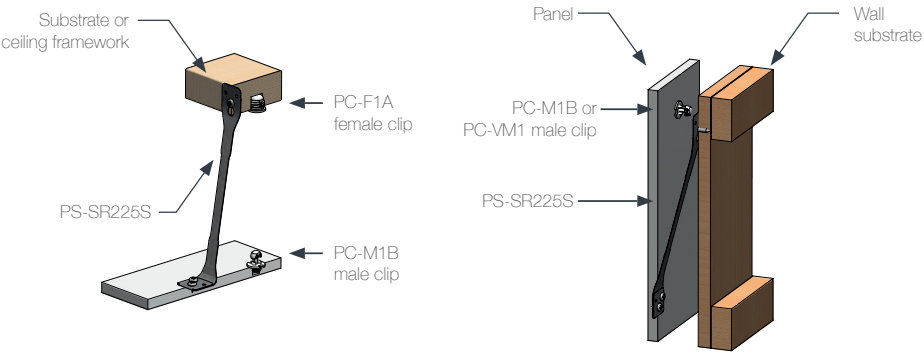
BENEFITS

- Low cost solution for high volume applications
- No special tools required for installation
- Install directly onto substrate face with screws
- Controlled removal of large panels
- Seismic security for overhead panels – prevents panels from falling

APPLICATIONS

- Ceiling panels
- Wall panels
- Large panels
- Inspection and service panels

INSTALLATION: Partially exploded through section showing typical installation method



PANELSAFE PS RANGE

PS-SR225SS PRODUCT GUIDE

PS-SR225SS Seismount™ Stainless Steel – 225mm

The PanelSafe Seismount in stainless steel is a strong solution for high volume marine installations where added security and control of the panel is required. The Seismount allows the panel to be suspended below the ceiling for convenient servicing behind the panel or controlled removal of the panel. Install with M10 pan head screw or 6.3 x 8mm euro screw. Simply unhook the strap from the screws to remove the panel.

Drop length 225mm. 144kg break load for the PS-SR225SS in both wall and ceiling applications.

PS-SR225SS



USE WITH:

- PC Standard Range
- LP Low Profile Range
- VL Very Low Profile Range
- MC Metal Range
- SL Stratlock Range

MATERIAL:
Silver Stainless steel

MORE INFO:
Installation Guide PS-SR225S

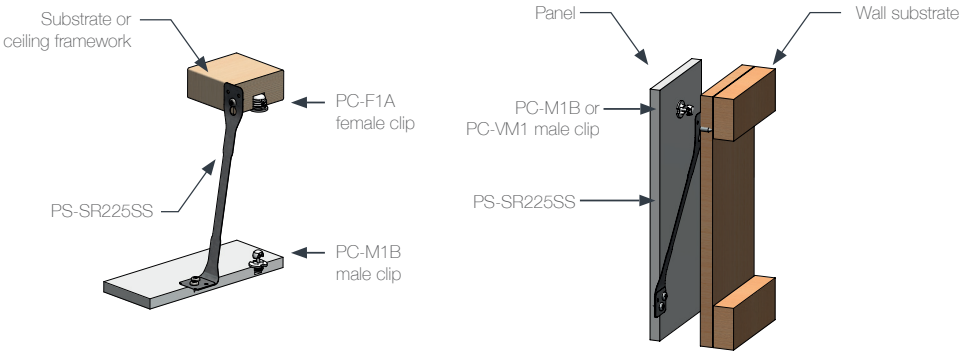
BENEFITS

- Low cost solution for high volume applications
- No special tools required for installation
- Install directly onto substrate face with screws
- Controlled removal of large panels
- Seismic security for overhead panels – prevents panels from falling
- Stainless steel composition for longevity in marine applications

APPLICATIONS

- Ceiling panels
- Wall panels
- Large panels
- Inspection and service panels


INSTALLATION: Partially exploded through section showing typical installation method



PANELSAFE PS RANGE

PS-150 INSTALLATION GUIDE

PS-150 PanelSafe Restraint System

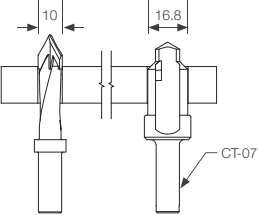


PS-150

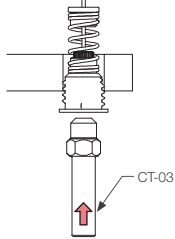
USE WITH:	INSTALL WITH:
PC Standard Range LP Low Profile Range VL Very Low Profile Range MC Metal Range	CP-01ST CT-01 CT-09 CT-07 CT-03 CT-10

INSTALLATION STEPS Page 1

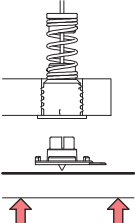
1 Drill hole through panel and frame



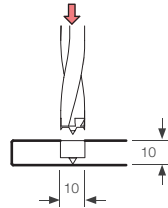
2 Screw PanelSafe in 16.8Ø hole



3 Fit CP-01ST into PanelSafe to mark panel



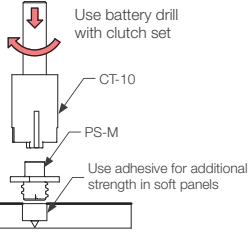
4 Drill panel on center mark 7.5mm deep



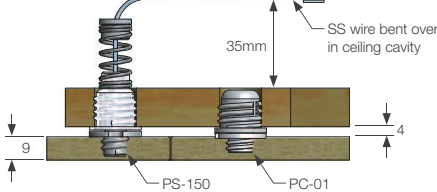
5 Screw fit PS-M with CT-10

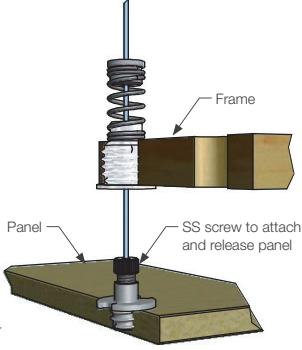
Use battery drill with clutch set

Use adhesive for additional strength in soft panels



6 Completed installation






PANELSAFE PS RANGE

PS-150 INSTALLATION GUIDE

PS-150 PanelSafe Restraint System



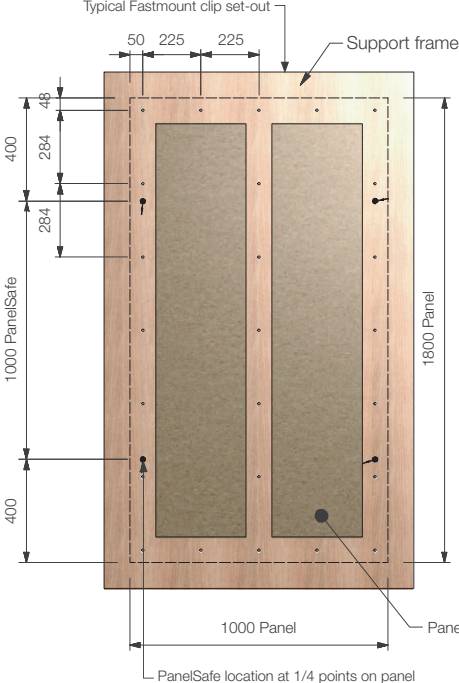
PS-150

USE WITH:	INSTALL WITH:
PC Standard Range LP Low Profile Range VL Very Low Profile Range MC Metal Range	CT-03 CT-10

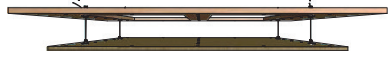
INSTALLATION STEPS Page 2

A Plan view of panel from above with 4 x PanelSafe

Larger or more flexible panels may require extra PanelSafes for correct support. Each PanelSafe has a static load of 150kgs and a drop load of 10kgs.

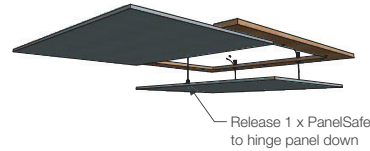


B End view with panel down



C End view with panel down

Release 1 x PanelSafe to hinge panel down




PANELSAFE PS RANGE

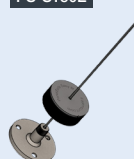
PS-150E & PS-S150E INSTALLATION GUIDE

PS-150E & PS-S150E PanelSafe Easy Fit Restraint System

PS-150E



PS-S150E




USE WITH:

PC Standard Range
LP Low Profile Range
VL Very Low Profile Range
MC Metal Range

INSTALL WITH:

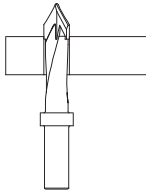
CP-01ST CT-01 CT-09 CT-07 CT-10



INSTALLATION STEP OPTIONS Refer to product sheets PS-150E & PS-S150E for more information

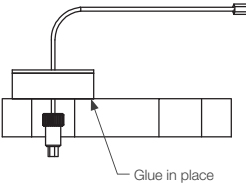
1

Drill hole through support frame



2

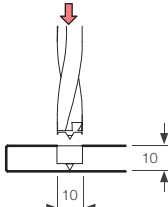
Fit PanelSafe in 100 to 16.8Ø hole



Glue in place

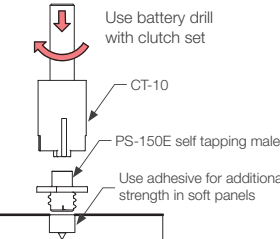
3

Self tapping screw in option. Drill panel on center mark 7.5mm deep.



4

Screw fit PS-M with CT-10



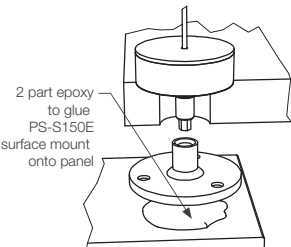
Use battery drill with clutch set

CT-10

PS-150E self tapping male

Use adhesive for additional strength in soft panels


Surface mount option



2 part epoxy to glue PS-S150E surface mount onto panel

6

Completed installation



Surface mount with PS-S150E

Drill to 16.8Ø with CT-07

Screws in


Self tapping with PS-150E male

PANELSAFE PS RANGE

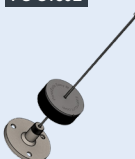
PS-150E & PS-S150E INSTALLATION GUIDE

PS-150E & PS-S150E PanelSafe Easy Fit Restraint System

PS-150E



PS-S150E

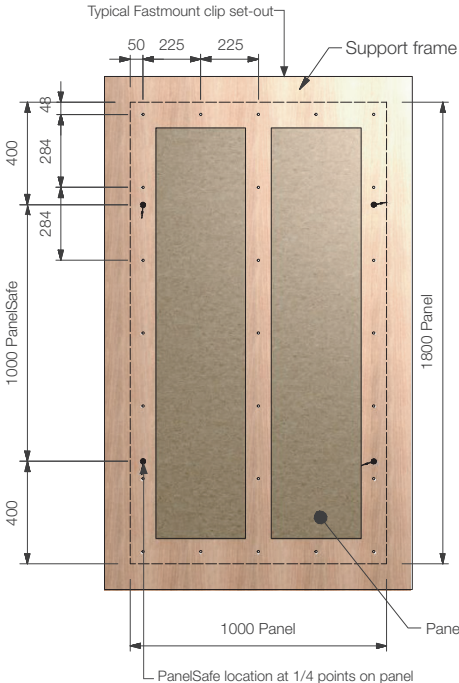


INSTALLATION STEP OPTIONS

A

Plan view of panel from above with 4 x PanelSafe

Larger or more flexible panels may require extra PanelSafes for correct support. Each PanelSafe has a static load of 150kgs and a drop load of 10kgs.



Typical Fastmount clip set-out

50 225 225

Support frame

48 284 284

1000 PanelSafe

1800 Panel

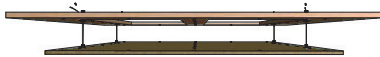
1000 Panel

Panel

PanelSafe location at 1/4 points on panel


B

End view with panel down



C

Plan view of small panel from above with 3 x PanelSafe

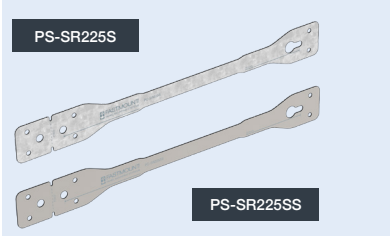


Release 1 x PanelSafe to hinge panel down

PANELSAFE PS RANGE

PS-SR225S & PS-SR225SS INSTALLATION GUIDE

PS-SR225S & PS-SR225SS Seismount – 225mm



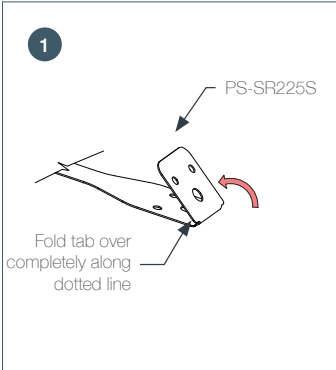
PS-SR225S

PS-SR225SS

USE WITH:	INSTALL WITH:
<ul style="list-style-type: none">PC Standard RangeLP Low Profile RangeVL Very Low Profile RangeMC Metal RangeSL Stratlock Range	<ul style="list-style-type: none">M10 pan head screw6.3 x 8mm euro screw

INSTALLATION STEPS FOR WALLS

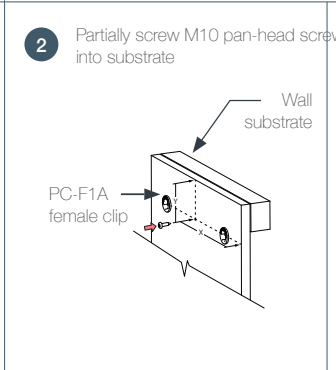
1



PS-SR225S

Fold tab over completely along dotted line

2

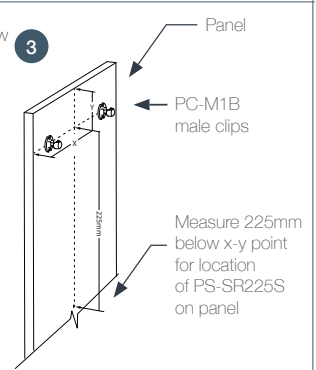


Wall substrate

PC-F1A female clip

Partially screw M10 pan-head screw into substrate

3

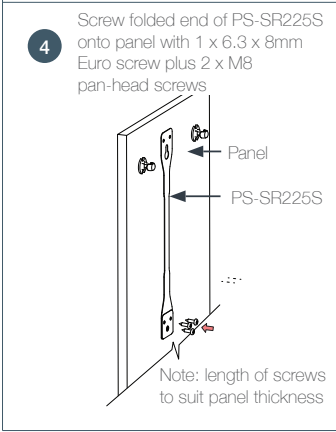


Panel

PC-M1B male clips

Measure 225mm below x-y point for location of PS-SR225S on panel

4

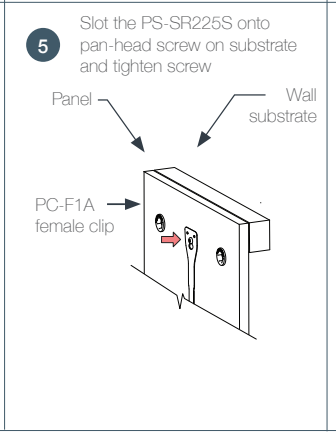


Panel

PS-SR225S

Note: length of screws to suit panel thickness

5



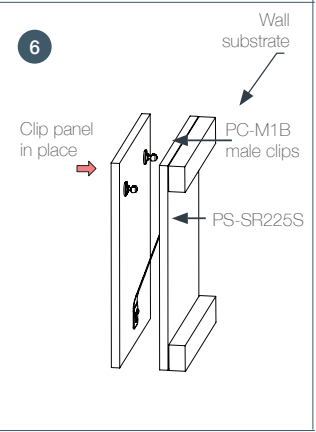
Wall substrate

Panel

PC-F1A female clip

Slot the PS-SR225S onto pan-head screw on substrate and tighten screw

6



Wall substrate

Panel

PC-M1B male clips

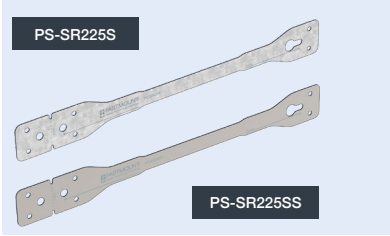
PS-SR225S

Clip panel in place

PANELSAFE PS RANGE

PS-SR225S & PS-SR225SS INSTALLATION GUIDE

PS-SR225S & PS-SR225SS Seismount – 225mm



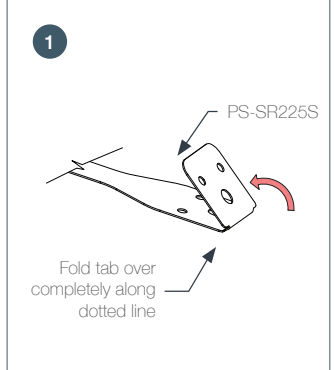
PS-SR225S

PS-SR225SS

USE WITH:	INSTALL WITH:
<ul style="list-style-type: none">PC Standard RangeLP Low Profile RangeVL Very Low Profile RangeMC Metal RangeSL Stratlock Range	<ul style="list-style-type: none">M10 pan head screw6.3 x 8mm euro screw

INSTALLATION STEPS FOR CEILINGS

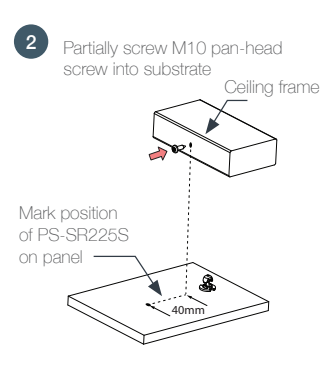
1



PS-SR225S

Fold tab over completely along dotted line

2

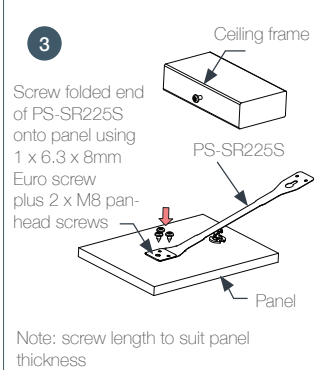


Ceiling frame

Mark position of PS-SR225S on panel

Partially screw M10 pan-head screw into substrate

3



Ceiling frame

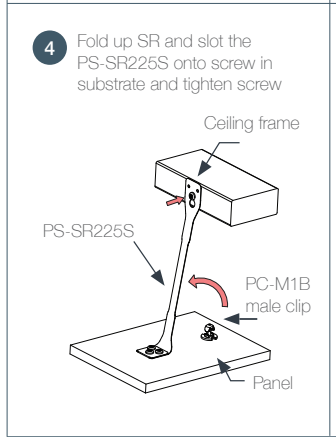
PS-SR225S

Panel

Screw folded end of PS-SR225S onto panel using 1 x 6.3 x 8mm Euro screw plus 2 x M8 pan-head screws

Note: screw length to suit panel thickness

4



Ceiling frame

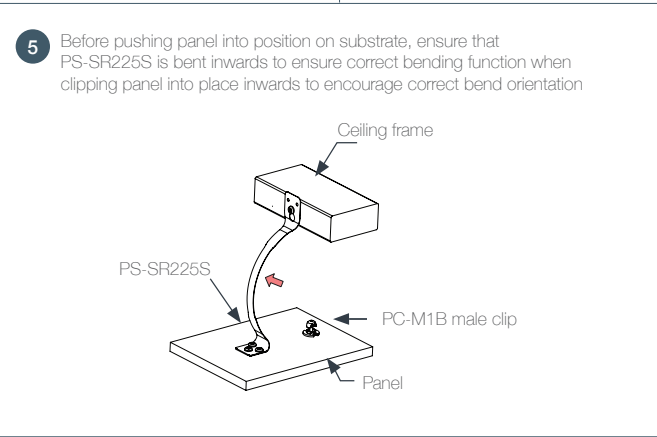
PS-SR225S

PC-M1B male clip

Panel

Fold up SR and slot the PS-SR225S onto screw in substrate and tighten screw

5



Ceiling frame

PS-SR225S

PC-M1B male clip

Panel

Before pushing panel into position on substrate, ensure that PS-SR225S is bent inwards to ensure correct bending function when clipping panel into place inwards to encourage correct bend orientation

TEXTILE TC RANGE

TC-F6H PRODUCT GUIDE

TC-F6H Textile Clip Female - Heavy Duty

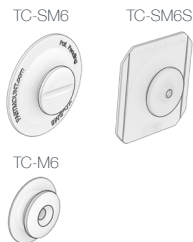
Designed for textiles and soft furnishings, the TC-F6H sews onto upholstery construction stage.

The transparent slide-lock mechanism ensures the strongest hold to the male clip and easy cushion removal without force. Slider can be replaced in-situ without removing saddle in the event of damage.

TC-F6H



USE WITH



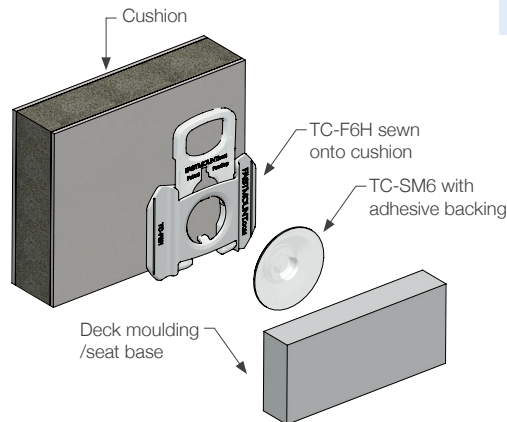
MATERIAL:

White/clear UV stabilised nylon

MORE INFO:

Installation Guide TC-M6,
TC-SM6, TC-SM6S
Panel Offset Guide

INSTALLATION:

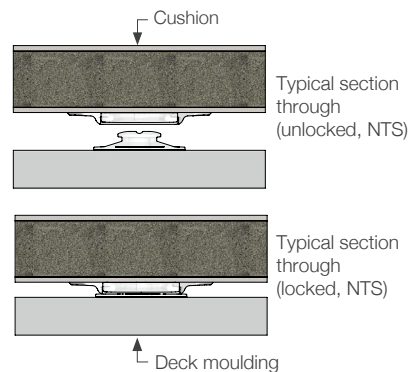


BENEFITS

- TC-F6H sews onto cushion at upholstery construction stage
- Enables heavy-duty attachment of soft furnishings to painted or gel coat surfaces
- Enables secure attachment of cushions to fabric when used with TC-SM6S
- Slide lock mechanism makes soft furnishings quick to install and easy to remove
- High quality, secure finish
- Heavy duty break out load of 26kg with TC-M6 & TC-SM6S or 32kg with TC-SM6
- No force required to release lock. Pull tab towards edge of the cushion to unlock and remove
- Hidden fixing – no visible domes, screws, straps or hook and loop tape. Low visibility transparent lock tab when exposed
- Sliding lock can be replaced without unstitching saddle in the event of damage
- No removal tool required

APPLICATIONS

- Exterior cushions
- Internal seating areas
- Sundeck mattresses and sunbeds
- Foredeck mounted mattresses
- Sun loungers



TEXTILE TC RANGE

TC-M6 PRODUCT GUIDE

TC-M6 Male Clip

The TC-M6 fixes to a seat base, deck or other substrate with a #5 screw for a mechanical fixing to hard surfaces. The head of the clip engages with the TC-F6H for a 26kg break load.

Ideal for both fastening both interior and exterior upholstery.

TC-M6



USE WITH



MATERIAL:

White UV stabilised nylon

MORE INFO:

Installation Guide TC-M6
Panel Offset Guide

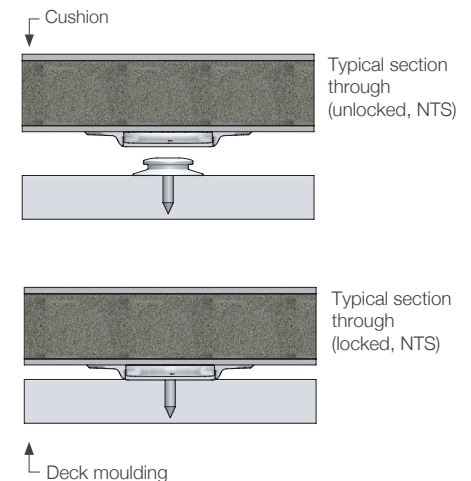
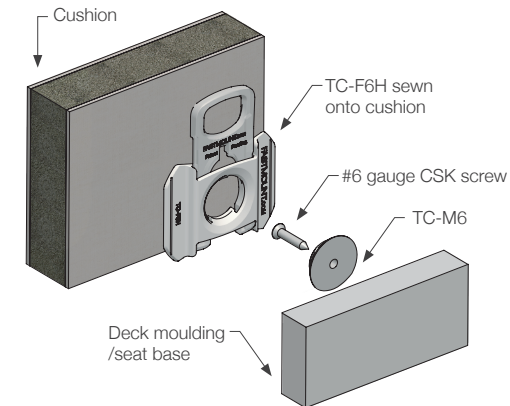
BENEFITS

- Screw fixes to deck or substrate
- Enables the attachment of soft furnishings to hard surfaces
- Makes furnishings quick to install, and easy to remove
- High quality, secure finish
- Easy alignment to replace the cushion, clip locks into place
- Purpose built
- Saves removal time for staff and crew
- Invisible fixing – no visible domes, screws, straps or hook and loop
- Break load of 26kg when used with TC-F6H

APPLICATIONS

- Exterior cushions
- Sundeck mattresses
- Foredeck mounted mattresses
- Seating areas external & internal
- Crew and guest areas

INSTALLATION: Partially exploded through section showing typical installation method



TEXTILE TC RANGE

TC-SM6 PRODUCT GUIDE

TC-SM6 Textile Clip Male - VHB Adhesive

The TC-SM6 is a white surface mount male clip with self-adhesive VHB backing for rapid and durable installation of soft furnishings. Clip attaches to hard surface and compatible with TC-F6H from the Textile Range.

TC-SM6



USE WITH

TC-F6H



MATERIAL:

White UV stabilised polycarbonate

MORE INFO:

Installation Guide TC-SM6,
Panel Offset Guide

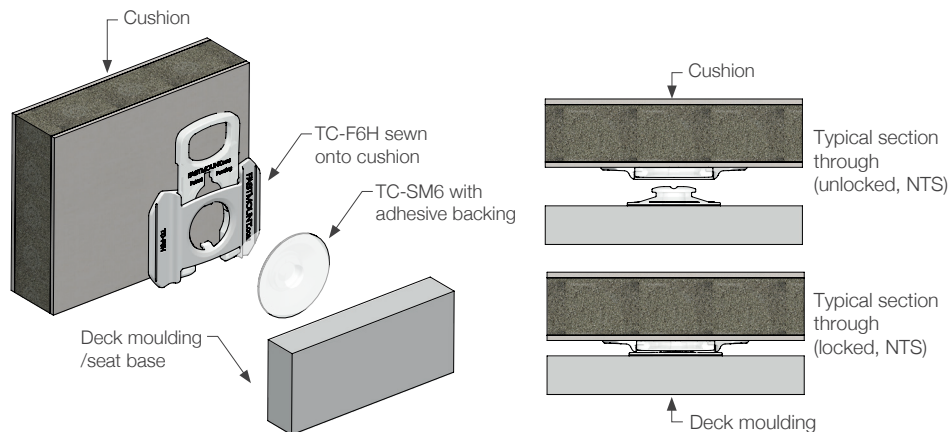
BENEFITS

- VHB self-adhesive fix
- Enables attachment of soft furnishings to painted or gelcoat surfaces
- Makes furnishings quick to install, and easy to remove
- High quality, secure finish
- Easy alignment to replace the cushion, clip locks into place
- Purpose built
- Saves removal time for staff and crew
- Invisible fixing – no visible domes, screws, straps or hook and loop
- Break load of 32kg when used with TC-F6H
- Change to VHB tape is UV stabilised, bonds extremely well to painted, smooth flat surfaces.
- No penetrations or screw holes in deck structure when using TC-SM6

APPLICATIONS

- Exterior cushions
- Sundeck mattresses
- Foredeck mounted mattresses
- Seating areas external & internal
- Crew and guest areas

INSTALLATION: Partially exploded through section showing typical installation method



TEXTILE TC RANGE

TC-SM6S PRODUCT GUIDE

TC-SM6S Sew on male clip

The TC-SM6S is designed to be used with the TC-F6H for fabric-to-fabric upholstery fixing. The TC-SM6S is sewed to the fabric at the upholstery stage, and locks into the TC-F6H for secure fixing of upholstery and cushions. A hidden fixing ideal for sunbeds, interior and exterior furniture.

TC-SM6S



MATERIAL:

Translucent UV stabilised nylon

USE WITH

TC-F6H



MORE INFO:

Installation Guide TC-SM6S
Panel Offset Guide

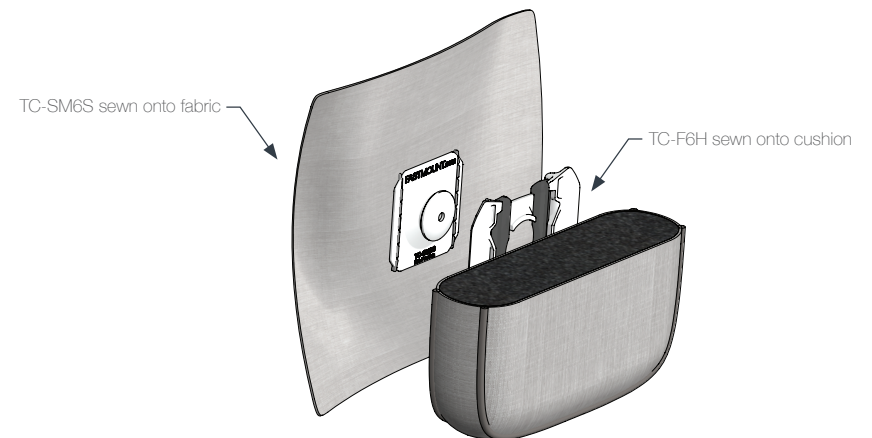
BENEFITS

- Sew on during upholstery stage
- Fabric to fabric fixing
- Enables rapid removal and replacement of cushions
- Invisible fixing
- Simple installation with no special tools
- Foolproof alignment
- No force required to remove

APPLICATIONS

- Exterior cushions
- Sundeck mattresses
- Seating areas external & internal
- Crew and guest areas
- Sunbeds
- Hotels

INSTALLATION: Partially exploded through section showing typical installation method



TEXTILE TC RANGE

TC-CF3 PRODUCT GUIDE

TC-CF3 Carpet Clip Female

The TC-CF3 is designed as a carpet clip for 3-5mm carpet that doesn't absorb heat from the sun, making it a superior alternative to metal studs that burn sailors' feet in marine applications. The TC-CF3 winds through a 16mm (5/8") hole punched into the carpet using the Fastmount CT-10 installation tool. The four wings tighten up onto the underside of the carpet holding it secure. Use with the TC-CSM6 on fibreglass or aluminium decks, or the stick-on TC-CSM6 can be used on a painted or fibreglass deck surface. The carpet is then clipped into place holding it secure. Use the CT-05 to lift the carpet off the male clip. 400mm max spacing recommended between clips.

Available in white, black, grey and clear.

TC-CF3



! NEW

MATERIAL: Polycarbonate
MORE INFO: Installation Guide TC-CM6, TC-CSM6

USE WITH
TC-CM6



TC-CSM6



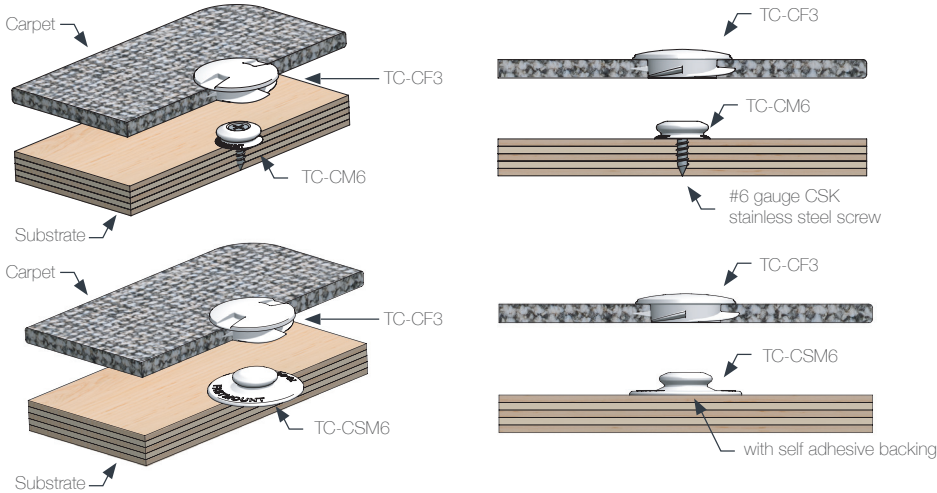
BENEFITS

- Quick and easy to install
- Cost-effective as minimal parts are required for fitting
- Protects skin from heat or burns where there is harsh exposure to sun
- Secures loose carpets to avoid trips or falls
- High quality, secure finish
- Designed as an improvement on traditional fixed methods
- Easy removal for cleaning, winterising or replacement

APPLICATIONS

- Suitable for marine, architectural, aviation and RV
- Designed for 3-5mm carpet
- Interior and exterior fitted carpets
- Mats and loose fitting rugs
- Covers for machinery or outdoor furniture
- Refits and upgrades of existing installations

INSTALLATION:



TEXTILE TC RANGE

TC-CM6 PRODUCT GUIDE

TC-CM6 Carpet Clip Male

The TC-CM6 is designed to screw fix onto hard surfaces as part of a solution for fixing removable carpet in place. Suitable for fibreglass or aluminium decks with no special tools required. Use with the TC-CF3 female which winds through the carpet then clips into place holding it secure. Use the CT-05 to lift the carpet off the male clip. 400mm max spacing recommended between clips.

TC-CM6



! NEW

USE WITH

TC-CF3



MATERIAL: Unfilled nylon

MORE INFO: Installation Guide TC-CM6

BENEFITS

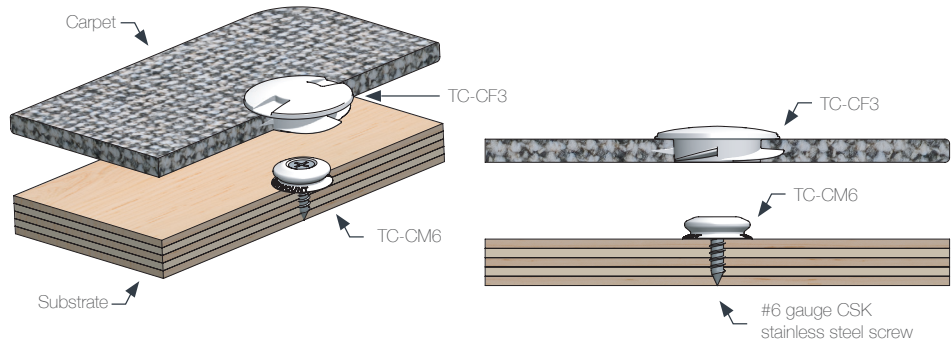
- Quick and easy to install, with no special tools required
- Cost-effective as minimal parts are required for fitting
- Protects skin from heat or burns where there is harsh exposure to sun
- Secures loose carpets to avoid trips or falls
- High quality, secure finish
- Designed as an improvement on traditional fixed methods
- Easy removal for cleaning, winterising or replacement

APPLICATIONS

- Hard surfaces like fibreglass, painted surfaces, timber or concrete
- Interior and exterior fitted carpets
- Mats and loose fitting rugs
- Covers for machinery or outdoor furniture
- Refits and upgrades of existing installations

INSTALLATION:

Partially exploded through section showing typical installation method



TEXTILE TC RANGE

TC-CSM6 PRODUCT GUIDE

TC-CSM6 Carpet Clip Male – Adhesive Mount

The TC-CSM6 adheres to hard surfaces using UHB tape as part of a solution for fixing removable carpet in place. Suitable for painted or fibreglass decks with no special tools required. Use with the TC-CF3 female which winds through the carpet then clips into place holding it secure. Use the CT-05 to lift the carpet off the male clip. 400mm max spacing recommended between clips.

TC-CSM6S



! NEW

MATERIAL:
Unfilled nylon
UHB tape

USE WITH

TC-CF3



MORE INFO:
Installation Guide TC-CSM6

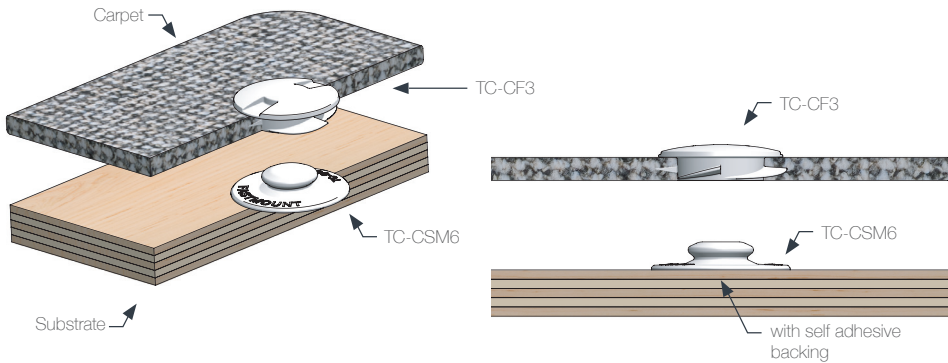
BENEFITS

- Quick and easy to install, with no special tools required
- Cost-effective as minimal parts are required for fitting
- Protects skin from heat or burns where there is harsh exposure to sun
- Secures loose carpets to avoid trips or falls
- High quality, secure finish
- Designed as an improvement on traditional fixed methods
- Easy removal for cleaning, winterising or replacement

APPLICATIONS

- Fix to fibreglass or painted surfaces
- Interior and exterior fitted carpets
- Mats and loose fitting rugs
- Covers for machinery or outdoor furniture
- Refits and upgrades of existing installations

INSTALLATION: Partially exploded through section showing typical installation method



TEXTILE TC RANGE

TC-F6H & TC-M6 INSTALLATION GUIDE

TC-F6H & TC-M6 Textile Clip Range

TC-F6H	TC-M6	USE WITH:	INSTALL WITH:
		Upholstery sewing machine using standard foot, size 110/18 needle and V92 thread. #6 screw	TC-CP6H

INSTALLATION STEPS


<p>1 Sew TC-F6H to fabric using 110/18 needle and V92 size thread along stitch groove.</p>	<p>2 Complete cushion assembly.</p>	<p>3 Insert TC-CP6H into TC-F6H. Press slider to hold TC-CP6H in place.</p>	<p>4 Align cushion and press firmly on mounting surface.</p>
<p>5 Drill on mark.</p>	<p>6 Screw TC-M6 onto base using #6 gauge CSK screw.</p>	<p>7 Align cushion with TC-M6.</p>	<p>7 Press cushion into place. To engage, slide lock away from cushion edge, to disengage, pull lock towards edge.</p>

TEXTILE TC RANGE


TC-F6H & TC-SM6S INSTALLATION GUIDE

TC-F6H & TC-SM6S Textile Clip Range

TC-F6H



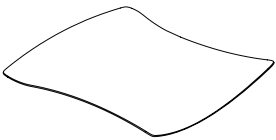
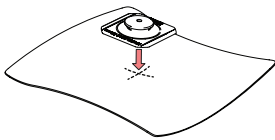
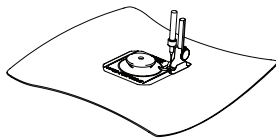
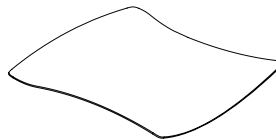
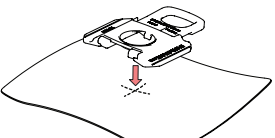
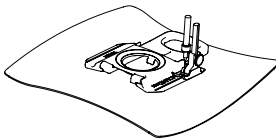

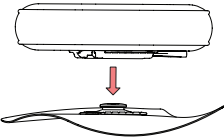
TC-SM6S



USE WITH:

Upholstery sewing machine using standard foot, size 110/18 needle and V92 thread.

INSTALLATION STEPS

<div>1</div> <div>Cut fabric to shape.</div> 	<div>2</div> <div>Mark location of TC-SM6S and position clip about 70mm away from edge.</div> 	<div>3</div> <div>Sew TC-SM6S to fabric using 110/18 needle and V92 size thread along stitch groove.</div> 
<div>4</div> <div>Cut cushion fabric to shape</div> 	<div>5</div> <div>Mark location of TC-F6H and position clip about 70mm away from cushion edge</div> 	<div>6</div> <div>Sew TC-F6H to fabric using 110/18 needle and V92 size thread along stitch groove.</div> 
<div>7</div> <div>Complete construction of cushion</div> 	<div>8</div> <div>To lock cushion into place, align clips. To engage, slide lock away from cushion edge, to disengage, pull lock towards edge of cushion.</div> 	

TEXTILE TC RANGE

TC-F6H & TC-SM6 INSTALLATION GUIDE

TC-F6H & TC-SM6 Textile Clip Range

TC-F6H



TC-SM6

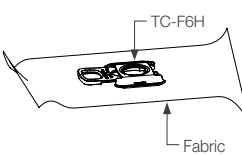
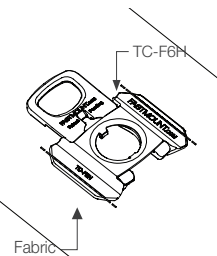
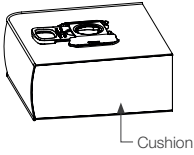
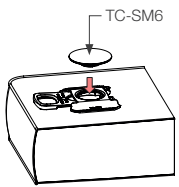
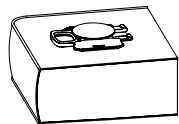
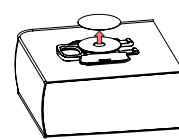
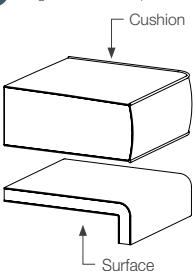
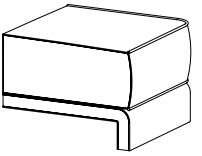


USE WITH:

Upholstery sewing machine using standard foot, size 110/18 needle and V92 thread.

For optimum adhesion, wipe the mounting surface clean with alcohol or solvent wipe and dry before pressing TC-SM6 to surface. Wait 24 - 72 hours before installing cushions.

INSTALLATION STEPS:

<div>1</div> <div>Sew TC-F6H to fabric using 110/18 needle and V92 size thread along stitch groove.</div> 	<div>1B</div> <div>Close up of TC-F6H sewn on</div> 	<div>2</div> <div>Complete cushion assembly</div> 	<div>3</div> <div>Insert TC-SM6 into TC-F6H</div> 
<div>4</div> <div>Lock TC-F6H</div> 	<div>5</div> <div>Peel off TC-SM6 backing</div> 	<div>6</div> <div>Align cushion in position</div> 	<div>7</div> <div>Press down firmly in place. To disengage, pull slide lock towards edge of cushion.</div> 

TEXTILE TC RANGE

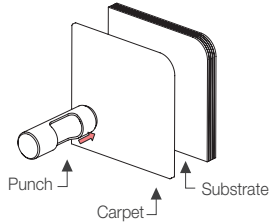
TC-CF3 & TC-CM6 INSTALLATION GUIDE

TC-CF3 & TC-CM6 Carpet Clip Range

TC-CF3	TC-CM6	USE WITH:	INSTALL WITH:
		#6 CSK stainless steel screw or M6 machine screws	CT-10 16mm (5/8") hole punch 

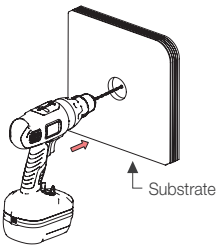
INSTALLATION STEPS:

1 Punch 16mm (5/8") hole in carpet



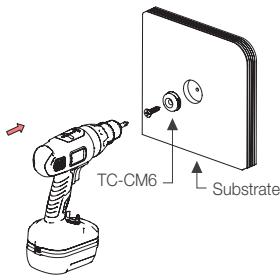
Punch
Carpet
Substrate

2 Drill 3mm hole in substrate



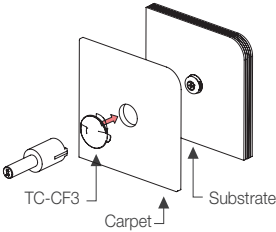
Substrate

3 Screw fix TC-CM6 with #6 CSK stainless steel screw



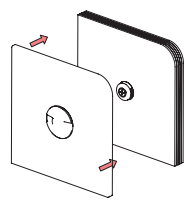
TC-CM6
Substrate

4 Install TC-CF3 with CT-10



TC-CF3
Carpet
Substrate

5 Apply carpet to substrate



Substrate

TEXTILE TC RANGE

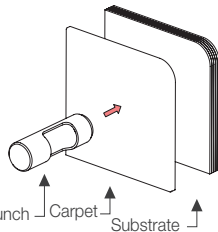
TC-CF3 & TC-CSM6 INSTALLATION GUIDE

TC-CF3 & TC-CSM6 Carpet Clip Range

TC-CF3	TC-CSM6	INSTALL WITH:
		CT-10 16mm (5/8") hole punch 

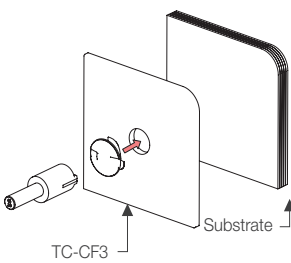
INSTALLATION STEPS:

1 Punch 16mm (5/8") hole in carpet



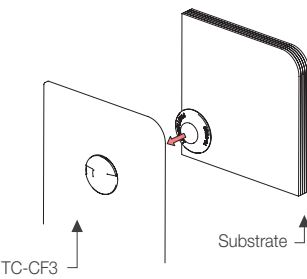
Punch
Carpet
Substrate

2 Install TC-CF3 with CT-10



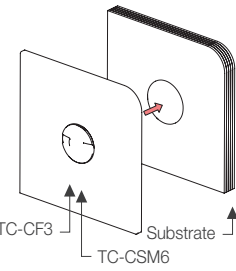
TC-CF3
Substrate

3 Insert TC-CSM6 into TC-CF3



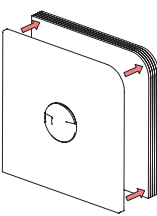
TC-CF3
Substrate

4 Remove adhesive backing from TC-CSM6



TC-CF3
Substrate
TC-CSM6

5 Apply carpet to substrate



Substrate

TECHNICAL INFORMATION

Pull out loads

The pull out loads will vary depending on the clip type and are specified on each product sheet. They are generally a minimum 5kg for typical Standard Range clips and 10kg / 22lb for heavy-duty clips. For extra heavy panels use the PC-VMX with a 15kg / 33lb pull out load.

The shock load is less and can be as low as 2kg, depending on the type of shock load. Clips never load simultaneously on a panel, so if a panel has 10 clips it does not mean the force required to remove the panel (or the force the panel will take) is 10 x 5kg.

NB. For official SGS performance reports covering pullout loads, repetitive pull out loads and shear loads, please refer to **www.fastmount.com**

Clip spacing and panel loads

Panels need to be supported evenly around the perimeter to eliminate sagging. The clip spacing requirements will vary depending on the application. Refer to the Fastmount Clip Layout Guides: TD-02, TD-08, TD-09, TD-12, TD-15, TD-16, TD-17, TD-18, TD-19, TD-20 and TD-21 at:

www.fastmount.com/resources/clip-layout-guides/

Although many of the Fastmount clip sets will hold more than your potential panel load, the reality of unknown conditions means panels and clips could be subjected to shock loads (g-forces) from huge seas or seismic shocks. From our experience it is best to follow our guidelines and also conduct tests of panel type and substrate on a project-by-project basis.

See pages 108-112 for panel clip setout guides or if you require advice email **info@fastmount.com**

Fastmount with different materials

You can mount Fastmount clips into or onto most panel products such as plywood, MDF, plastic, fibreglass, HPL, sandwich panels and composite panels such as Alucobond. It is not recommended for use with very heavy materials such as granite or heavy fibre cement board. The LP-DF8 coarse thread female clip is designed to work with drywall plasterboard.

Please refer to the Architectural Clip Selection Guide on pages 129 and 130, and the Marine Clip Selection Guide on pages 131 and 132, showing substrate and product matrices.

Drill setting and self tapping clips

The clutch setting on battery drills when fitting clips varies from drill to drill. It will depend on the battery charge condition and the material you are screwing into.

Once two or three test clips have been fitted, you will have a good feel for a setting that screws the clips home, but does not over tighten them. If the clips are breaking, the drill setting is too powerful.

NOTE: Some hard veneers and hard materials require a small countersink to the entrance of the hole to allow the clip thread to tap into the material. Use CT-12 drill to achieve countersink.

Contact us for advice at **info@fastmount.com**.

Adhesives for surface mount clips

Our patented SuperGroove™ design means the Fastmount surface mount clips use a mechanical engagement to secure the clip, so adhesive selection is mostly dependant on panel material.

A typical two-part epoxy will hold the clip at over three times the clipping load (30-40kg per clip).

Panel treatment notes (plywood, MDF, composite foam panels)

When selecting the type of finish on your panels, ensure you follow the golden rule of 'balancing' the panel - however you treat the face side of the panel or sheet must be duplicated on the back face of the panel. This is to prevent the panel from warping, due to the unbalanced tension that a single coating or veneer applied to one face of the panel exerts. For example, if the panel face is a paint finish, then the back face will also require a paint finish to balance the tension in the panels. In the case of veneered panels, when applying good veneer on the face side, apply any type of veneer on the back face for the best finish.

As a test to prove this, take a dry plywood or MDF panel approximately 500 x 200mm, coat one face only with water, leave the other face dry and put it in the sun. The panel will warp within hours, which is precisely the same effect as painting one side only, however it may take months for this to happen as moisture is absorbed unevenly from the atmosphere.

Quality installation

To ensure consistent and quality installation, Fastmount supplies tools where required. Installation guides and videos are available for each range on **www.fastmount.com**

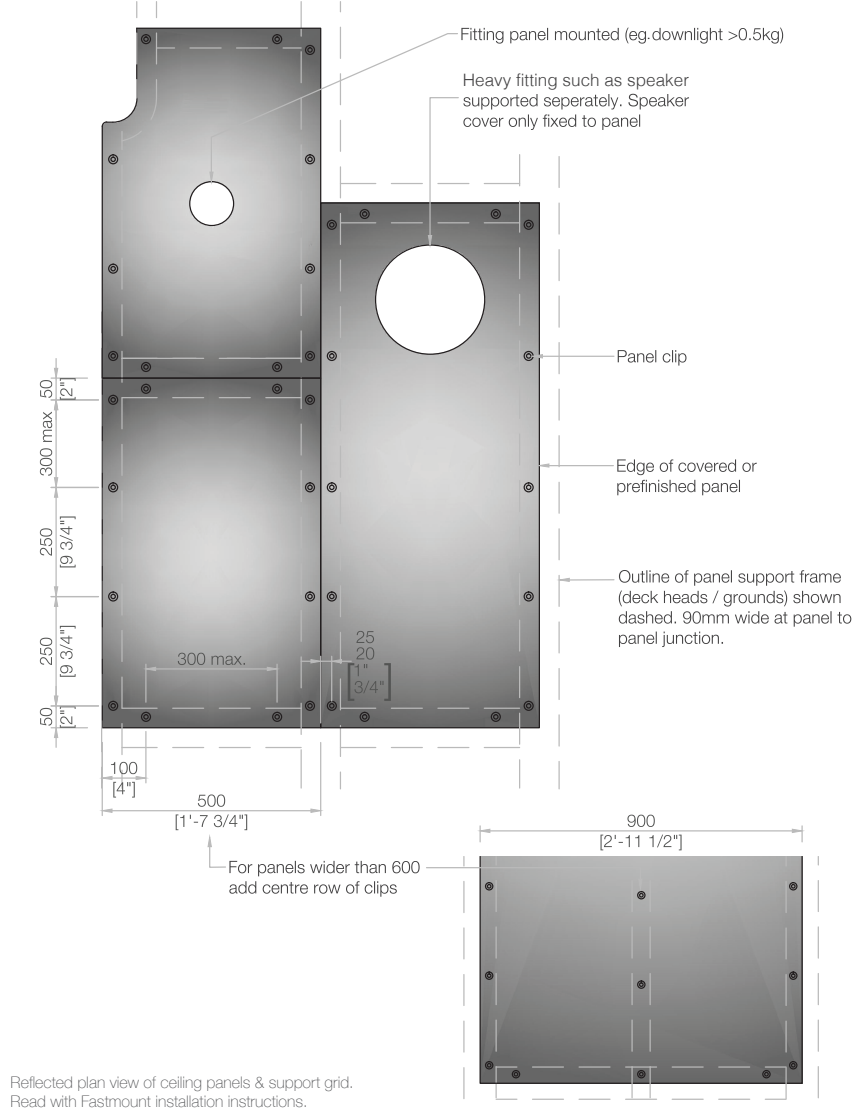
LAYOUT GUIDE - ALL RANGES

SMALL OR LIGHTWEIGHT CEILING PANEL

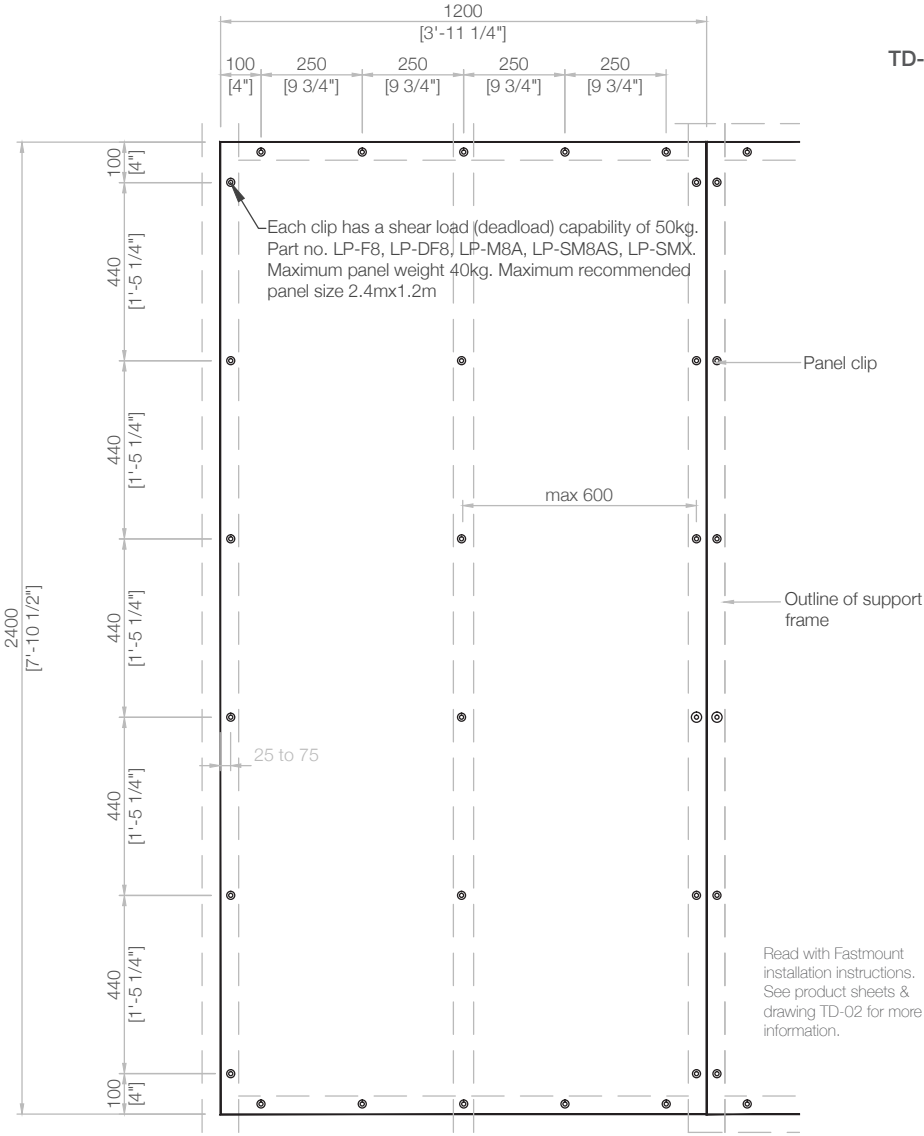
LAYOUT GUIDE - LP RANGE

LARGE WALL PANEL

TD-02

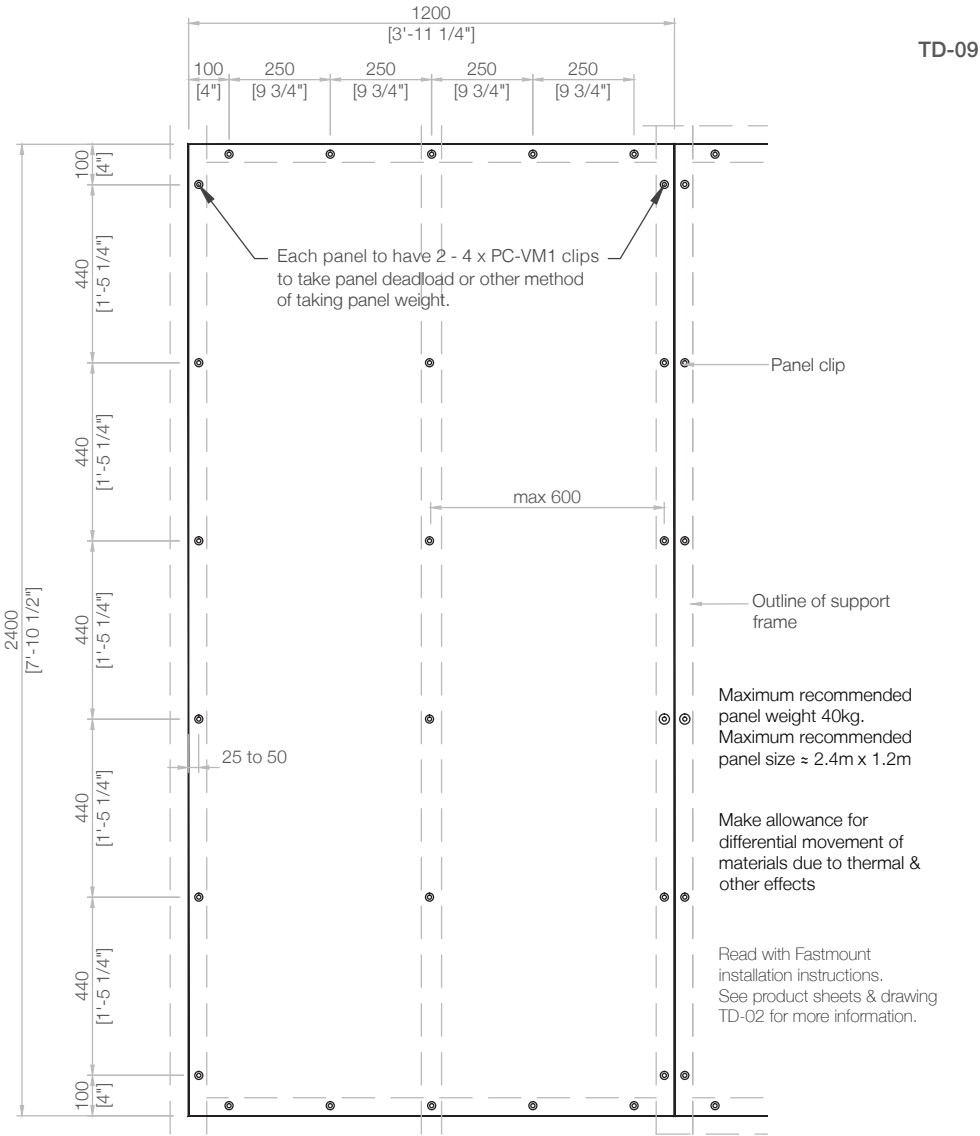


TD-08



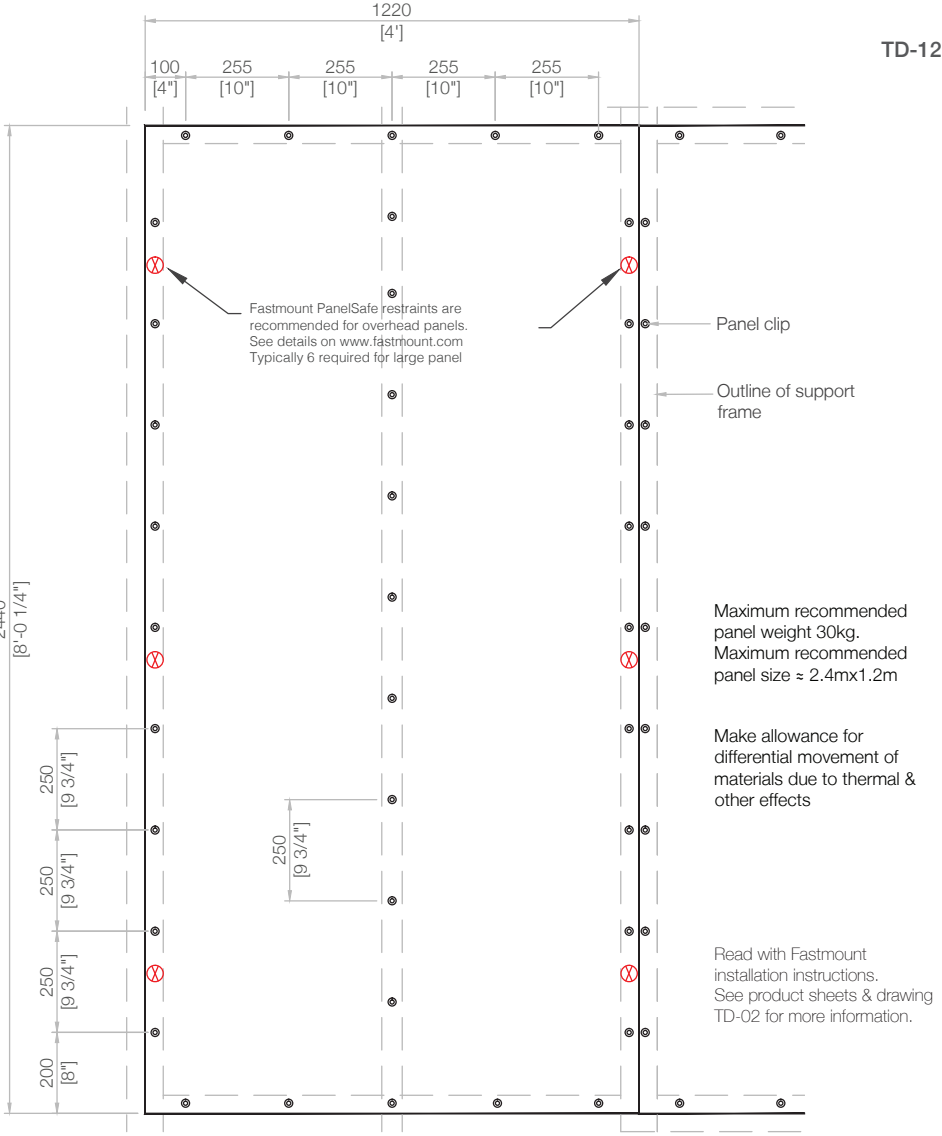
LAYOUT GUIDE - PC RANGE

LARGE WALL PANEL



LAYOUT GUIDE - PC RANGE

HEAVY OR LARGE CEILING PANEL



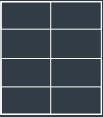



Stratlock Range

WALLS

This document describes the layout of clips for standard panels sizes in walls, listed below. For ceilings, please consult the Clip Layout guide for ceiling panels.

For custom panels and/or custom application please contact the Fastmount team or Fastmount distributors for technical support.

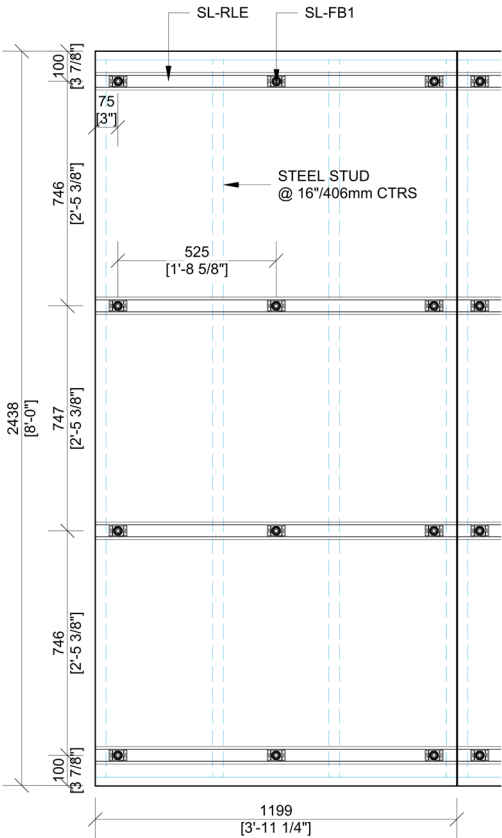
	 4 x 8 ft panels (1200 x 2400 mm)	 2 x 8 ft panels (600 x 2400 mm)	 4 x 2 ft panels (1200 x 600 mm)	 Complex geometries
Stratlock with rail system	Page 2	Page 4	Page 6	Page 8
Stratlock with U channel or timber batten	Page 3	Page 5	Page 7	Page 9
FC on plywood sheet				Page 10

Stratlock Range

WALLS USING STRATLOCK RAIL

PANEL SIZE: 4 X 8FT / 1200 X 2400MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



- VARIATIONS**
- The maximum recommended distance between rails is 800mm / 2.6ft. Panels taller than described in this layout might require more than 4 horizontal rails.
 - Place clips between 50 and 100 mm / 2 and 4 inches from vertical edge of the panels.

- TIPS**
- For light weight panels or very thin panels, more rails might be advised to avoid wavy edges.

- PANEL WEIGHT LIMITS**
- The maximum panel density for this application is 25kg per m² or 5 lbs per square foot.
 - Male clips SL-M10 can only be applied to panel densities of maximum 15kg per m² or 3 lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Walls	Max panel weight density: Ceilings
SL-M10	15kg/m² (3 lb/ft²)	10kg/m² (2 lb/ft²)
SL-M18	25kg/m² (5 lb/ft²)	25kg/m² (5 lb/ft²)
SL-M18-FR	25kg/m² (5 lb/ft²)	25kg/m² (5 lb/ft²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 8 ft area	Per square feet
SL-RLE	Aluminium extrusion	15.75 ft	0.49 ft/ft²
SL-FB1	Female clip	12 units	0.375 units/ft²
SL-M10 or M18	Male clip	12 units	0.375 units/ft²

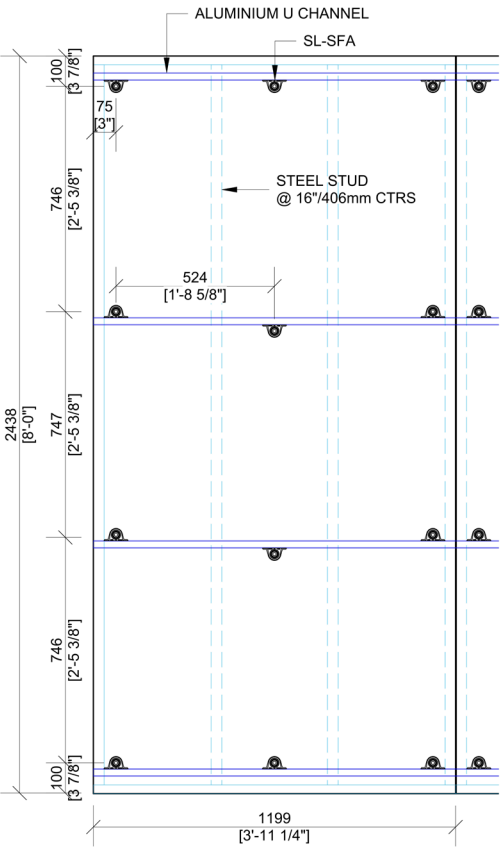
Metric system

Product code	Description	Per 1.2 x 2.4m area	Per square metre
SL-RLE	Aluminium extrusion	4800 mm	1.66 m/m²
SL-FB1	Female clip	12 units	4.16 units/m²
SL-M10 or M18	Male clip	12 units	4.16 units/m²

Stratlock Range

WALLS USING ALUMINIUM U CHANNEL 1" X 1" X 1/8" / 25 X 25 X 3MM
PANEL SIZE: 4 X 8FT / 1200 X 2400MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The maximum recommended distance between rails is 800mm / 2.6ft. Panels taller than described in this layout might require more than 4 horizontal rails.
- Place clips between 50 and 100 mm / 2 and 4 inches from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more U channels might be advised to avoid wavy edges.
- Box Section or RHS section can also be used in place of the U channel.
- Timber Battens can also be used in place of the U channel.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 25kg per m² or 5 lbs per square foot.
- Male clips SL-M10 can only be applied to panel densities of maximum 15kg per m² or 3 lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Walls	Max panel weight density: Ceilings
SL-M10	15kg/m² (3 lb/ft²)	10kg/m² (2 lb/ft²)
SL-M18	25kg/m² (5 lb/ft²)	25kg/m² (5 lb/ft²)
SL-M18-FR	25kg/m² (5 lb/ft²)	25kg/m² (5 lb/ft²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 8 ft area	Per square feet
Orange 1"x 1"x 1/8"	Aluminium U Channel	15.75 ft	0.49 ft/ft²
SL-SFA	Female clip	12 units	0.375 units/ft²
SL-M10 or M18	Male clip	12 units	0.375 units/ft²

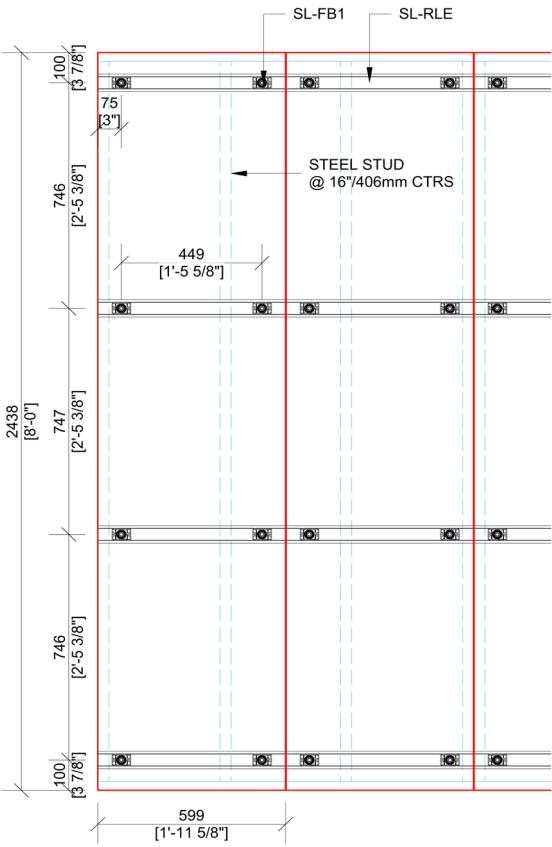
Metric system

Product code	Description	Per 1.2 x 2.4m area	Per square metre
Orange 1"x 1"x 1/8"	Aluminium U Channel	4800 mm	1,666 m/m²
SL-SFA	Female clip	12 units	4.16 units/m²
SL-M10 or M18	Male clip	12 units	4.16 units/m²

Stratlock Range

WALLS USING STRATLOCK RAIL
PANEL SIZE: 2 X 8 FT / 600 X 2400 MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The maximum recommended distance between rails is 800mm / 2.6ft. Panels taller than described in this layout might require more than 4 horizontal rails.
- Place clips between 50 and 100 mm / 2 and 4 inches from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more rails might be advised to avoid wavy edges.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 25kg per m² or 5 lbs per square foot
- Male clips SL-M10 can only be applied to panel densities of maximum 15kg per m² or 3 lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Walls	Max panel weight density: Ceilings
SL-M10	15kg/m² (3 lb/ft²)	10kg/m² (2 lb/ft²)
SL-M18	25kg/m² (5 lb/ft²)	25kg/m² (5 lb/ft²)
SL-M18-FR	25kg/m² (5 lb/ft²)	25kg/m² (5 lb/ft²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 2 x 8 ft area	Per square feet
SL-RLE	Aluminium extrusion	7.87 ft	0.5 ft/ft²
SL-FB1	Female clip	8 units	0.5 units/ft²
SL-M18-FR or M18	Male clip	8 units	0.5 units/ft²

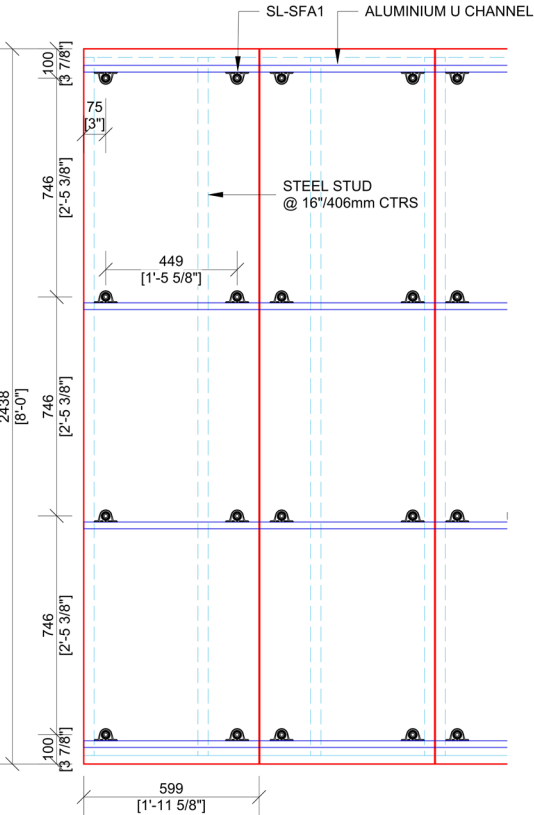
Metric system

Product code	Description	Per 0.6 x 2.4m area	Per square metre
SL-RLE	Aluminium extrusion	2400 mm	1,667 m/m²
SL-FB1	Female clip	8 units	5.6 units/m²
SL-M18-FR or M18	Male clip	8 units	5.6 units/m²

Stratlock Range

WALLS USING ALUMINIUM U CHANNEL 1" X 1" X 1/8" / 25 X 25 X 3MM
PANEL SIZE: 2 X 8FT / 600 X 2400MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The maximum recommended distance between rails is 800mm / 2.6ft. Panels taller than described in this layout might require more than 4 horizontal rails.
- Place clips between 50 and 100 mm / 2 and 4 inches from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more U channels might be advised to avoid wavy edges.
- Box Section or RHS section can also be used in place of the U channel.
- Timber Battens can also be used in place of the U channel.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 25kg per m² or 5 lbs per square foot.
- Male clips SL-M10 can only be applied to panel densities of maximum 15kg per m² or 3 lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Walls	Max panel weight density: Ceilings
SL-M10	15kg/m ² (3 lb/ft ²)	10kg/m ² (2 lb/ft ²)
SL-M18	25kg/m ² (5 lb/ft ²)	25kg/m ² (5 lb/ft ²)
SL-M18-FR	25kg/m ² (5 lb/ft ²)	25kg/m ² (5 lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 2 x 8 ft area	Per square feet
Orange 1"x 1"x 1/8"	Aluminium U Channel	7.87 ft	0.50 ft/ft ²
SL-SFA	Female clip	8 units	0.5 units/ft ²
SL-M10 or M18	Male clip	8 units	0.5 units/ft ²

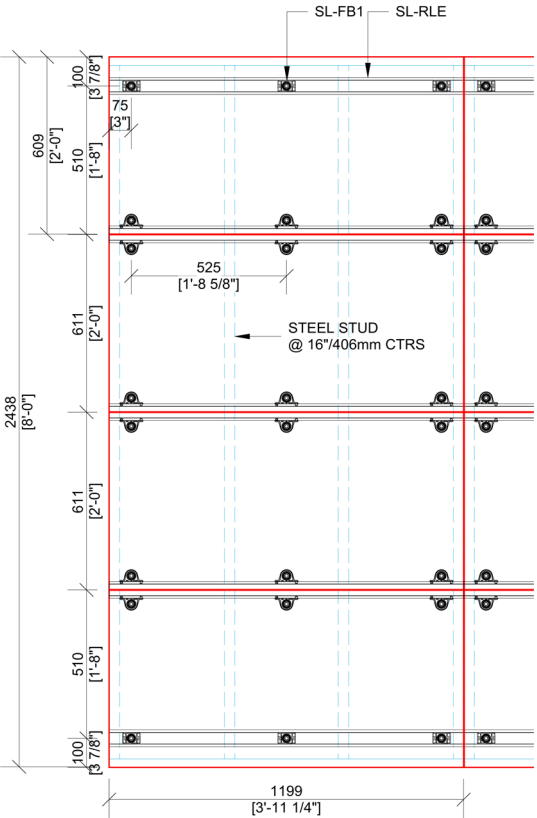
Metric system

Product code	Description	Per 1.2 x 2.4m area	Per square metre
Orange 1"x 1"x 1/8"	Aluminium U Channel	2400 mm	1,667 m/m ²
SL-SFA	Female clip	8 units	5.6 units/m ²
SL-M10 or M18	Male clip	8 units	5.6 units/m ²

Stratlock Range

WALLS USING STRATLOCK RAIL
PANEL SIZE: 4 X 2FT / 1200 X 600MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The maximum recommended distance between rails is 800mm / 2.6ft. Panels taller than described in this layout might require more than 4 horizontal rails.
- Place clips between 50 and 100 mm / 2 and 4 inches from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more rails might be advised to avoid wavy edges.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 25kg per m² or 5 lbs per square foot.
- Male clips SL-M10 can only be applied to panel densities of maximum 15kg per m² or 3 lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Walls
SL-M10	15kg/m ² (3 lb/ft ²)
SL-M18	25kg/m ² (5 lb/ft ²)
SL-M18-FR	25kg/m ² (5 lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 2 ft area	Per square feet
SL-RLE	Aluminium extrusion	8 ft	1ft/ft ²
SL-FA	Female clip	3 units	0.4 units/ft ²
SL-FB1	Female clip	3 units	0.4 units/ft ²
SL-M10 or M18	Male clip	6 units	0.75 units/ft ²

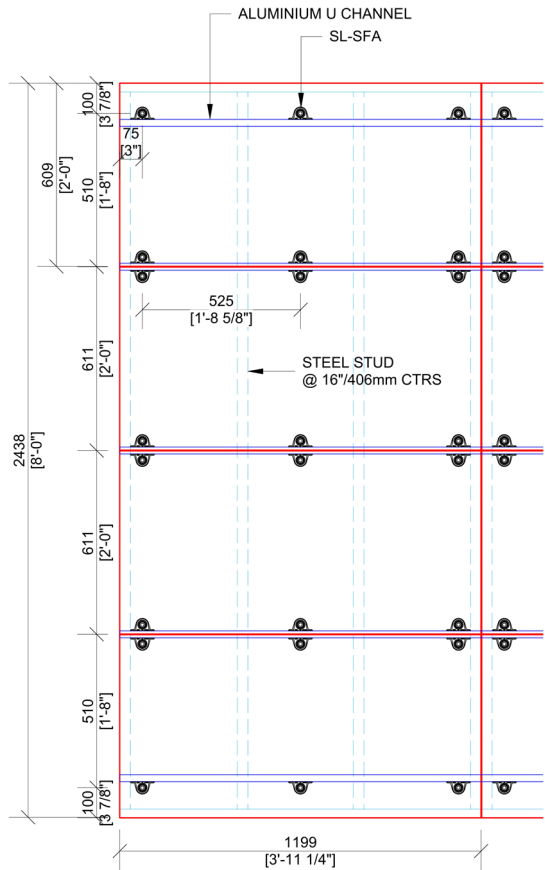
Metric system

Product code	Description	Per 1.2 x 0.6m area	Per square metre
SL-RLE	Aluminium extrusion	2.4 mm	1,67 m/m ²
SL-FA	Female clip	3 units	3.75 units/m ²
SL-FB1	Female clip	3 units	3.75 units/m ²
SL-M10 or M18	Male clip	6 units	7.5 units/m ²

Stratlock Range

WALLS USING ALUMINIUM U CHANNEL 1" X 1" X 1/8" / 25 X 25 X 3MM
PANEL SIZE: 4 X 2FT / 1200 X 600MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



- VARIATIONS**
- The maximum recommended distance between rails is 800mm / 2.6ft. Panels taller than described in this layout might require more than 4 horizontal rails.
 - Place clips between 50 and 100 mm / 2 and 4 inches from vertical edge of the panels.

- TIPS**
- For light weight panels or very thin panels, more U channels might be advised to avoid wavy edges.
 - Box Section or RHS section can also be used in place of the U channel.
 - Timber Battens can also be used in place of the U channel.

- PANEL WEIGHT LIMITS**
- The maximum panel density for this application is 25kg per m² or 5 lbs per square foot.
 - Male clips SL-M10 can only be applied to panel densities of maximum 15kg per m² or 3 lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Walls
SL-M10	15kg/m ² (3 lb/ft ²)
SL-M18	25kg/m ² (5 lb/ft ²)
SL-M18-FR	25kg/m ² (5 lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 2 ft area	Per square feet
Orange 1"x 1"x 1/8"	Aluminium U Channel	8 ft	1ft/ft ²
SL-SFA	Female clip	6 units	0.4 units/ft ²
SL-M10 or M18	Male clip	6 units	0.4 units/ft ²

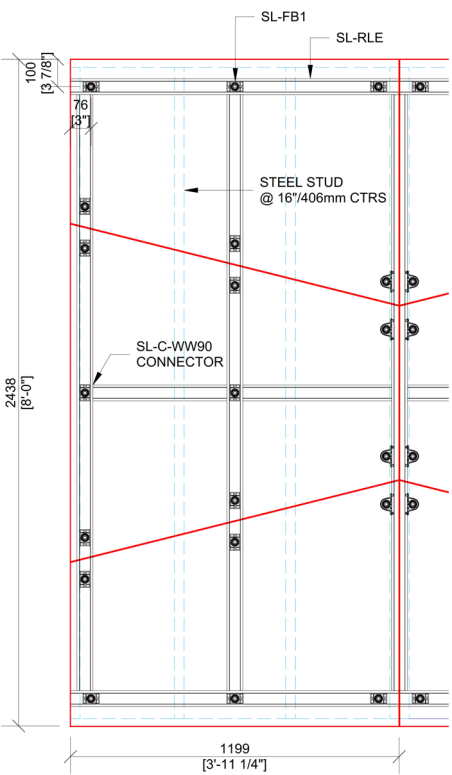
Metric system

Product code	Description	Per 1.2 x 0.6m area	Per square metre
Orange 1"x 1"x 1/8"	Aluminium U Channel	2.4 mm	1,67 m/m ²
SL-SFA	Female clip	6 units	7.5 units/m ²
SL-M10 or M18	Male clip	6 units	7.5 units/m ²

Stratlock Range

WALLS USING STRATLOCK RAIL
PANEL SIZE: COMPLEX SHAPES 4 X 8FT / 1200 X 2400MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



- VARIATIONS**
- The maximum recommended distance between rails is 800mm / 2.6ft. Panels taller than described in this layout might require more than 4 horizontal rails.
 - Place clips between 50 and 100 mm / 2 and 4 inches from vertical edge of the panels.

- TIPS**
- For light weight panels or very thin panels, more rails might be advised to avoid wavy edges.

- PANEL WEIGHT LIMITS**
- The maximum panel density for this application is 25kg per m² or 5 lbs per square foot.
 - Male clips SL-M10 can only be applied to panel densities of maximum 15kg per m² or 3 lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Walls	Max panel weight density: Ceilings
SL-M10	15kg/m ² (3 lb/ft ²)	10kg/m ² (2 lb/ft ²)
SL-M18	25kg/m ² (5 lb/ft ²)	25kg/m ² (5 lb/ft ²)
SL-M18-FR	25kg/m ² (5 lb/ft ²)	25kg/m ² (5 lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Complex area	Per square feet
SL-RLE	Aluminium extrusion	25.6 ft	0.8 units/ft ²
SL-FB1	Female clip	16 units	0.5 units/ft ²
SL-FA	Female clip	4 units	0.125 units/ft ²
SL-C-WW90	Wall to Wall Connector	10 units	0.3125 units/ft ²
SL-M10 or M18	Male clip	20 units	0.625 units/ft ²

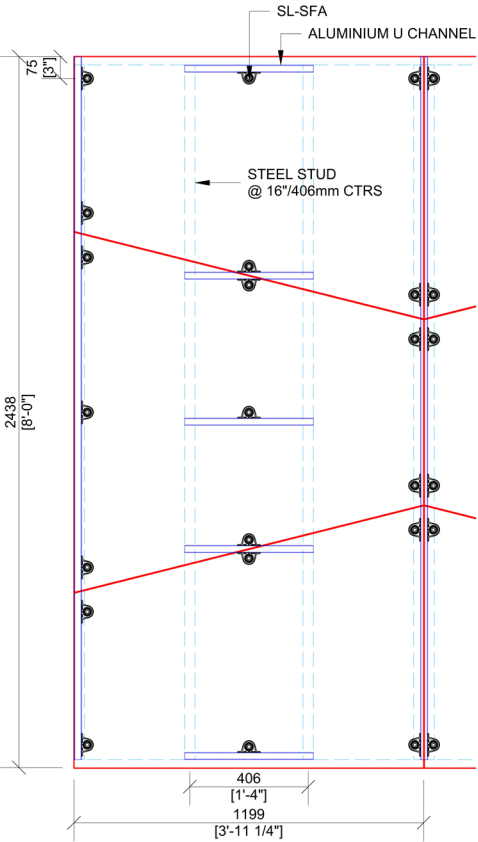
Metric system

Product code	Description	Complex area	Per square metre
SL-RLE	Aluminium extrusion	7800 mm	2.7 m/m ²
SL-FB1	Female clip	16 units	5.5 units/m ²
SL-FA	Female clip	4 units	1.38 units/m ²
SL-C-WW90	Wall to Wall Connector	10 units	5.6 units/m ²
SL-M10 or M18	Male clip	20 units	3.5 units/m ²

Stratlock Range

WALLS USING ALUMINIUM U CHANNEL 1" X 1" X 1/8" / 25 X 25 X 3MM
PANEL SIZE: COMPLEX SHAPES 4 X 8FT / 1200 X 2400MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



- VARIATIONS**
- The maximum recommended distance between rails is 800mm / 2.6ft. Panels taller than described in this layout might require more than 4 horizontal rails.
 - Place clips between 50 and 100 mm / 2 and 4 inches from vertical edge of the panels.
- TIPS**
- For light weight panels or very thin panels, more U channels might be advised to avoid wavy edges.
 - Box Section or RHS section can also be used in place of the U channel.
 - Timber Battens can also be used in place of the U channel.
- PANEL WEIGHT LIMITS**
- The maximum panel density for this application is 25kg per m² or 5 lbs per square foot.
 - Male clips SL-M10 can only be applied to panel densities of maximum 15kg per m² or 3 lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Walls	Max panel weight density: Ceilings
SL-M10	15kg/m ² (3 lb/ft ²)	10kg/m ² (2 lb/ft ²)
SL-M18	25kg/m ² (5 lb/ft ²)	25kg/m ² (5 lb/ft ²)
SL-M18-FR	25kg/m ² (5 lb/ft ²)	25kg/m ² (5 lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 8 ft area	Per square feet
Orange 1"x 1"x 1/8"	Aluminium U Channel	15.75 ft	0.49 ft/ft ²
SL-SFA	Female clip	19 units	0.375 units/ft ²
SL-M10 or M18	Male clip	19 units	0.375 units/ft ²

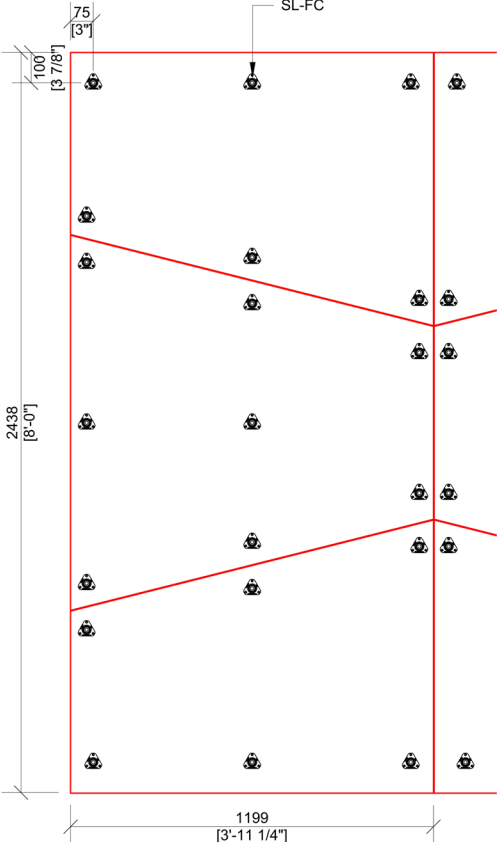
Metric system

Product code	Description	Per 1.2 x 2.4m area	Per square metre
Orange 1"x 1"x 1/8"	Aluminium U Channel	4800 mm	1,666 m/m ²
SL-SFA	Female clip	19 units	4.16 units/m ²
SL-M10 or M18	Male clip	19 units	4.16 units/m ²

Stratlock Range

WALLS USING STRATLOCK SL-FC SET INTO PLYWOOD
PANEL SIZE: COMPLEX SHAPES 4 X 8FT / 1200 X 2400MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



- VARIATIONS**
- The maximum recommended center to center distance between SL-FC is 600mm / 24".
 - Place clips between 50 and 100 mm / 2 and 4 inches from vertical edge of the panels.
- TIPS**
- For light weight panels or very thin panels, more clips might be advised to avoid wavy edges.
- PANEL WEIGHT LIMITS**
- The maximum panel density for this application is 25kg per m² or 5 lbs per square foot.
 - Male clips SL-M10 can only be applied to panel densities of maximum 15kg per m² or 3 lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Walls	Max panel weight density: Ceilings
SL-M10	15kg/m ² (3 lb/ft ²)	10kg/m ² (2 lb/ft ²)
SL-M18	25kg/m ² (5 lb/ft ²)	25kg/m ² (5 lb/ft ²)
SL-M18-FR	25kg/m ² (5 lb/ft ²)	25kg/m ² (5 lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Complex area	Per square feet
SL-SFC	Female clip	20 units	0.625 units/ft ²
SL-M10 or M18	Male clip	20 units	0.625 units/ft ²

Metric system


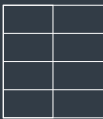


Product code	Description	Complex area	Per square metre
SL-SFC	Female clip	20 units	6.9 units/m ²
SL-M10 or M18	Male clip	20 units	6.9 units/m ²

Stratlock Range

CEILING

This document describes the layout of clips for standard panels sizes in ceilings, listed below. For walls, please consult the Clip Layout Guide for wall panels.

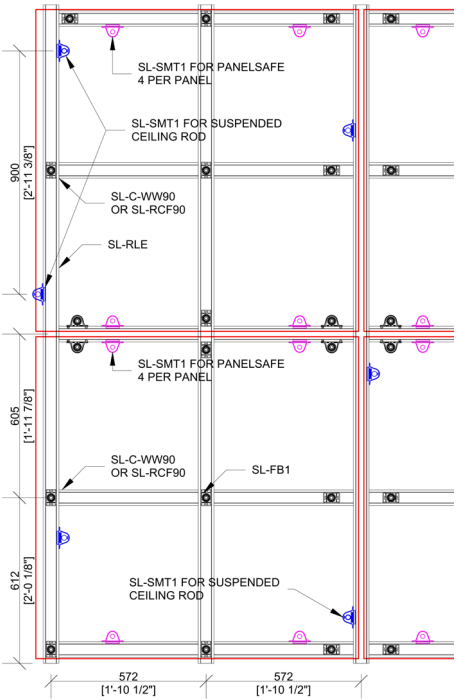
For custom panels and/or custom application please contact the Fastmount team or Fastmount distributors for technical support.

	 4 x 4ft panels (1200 x 1200mm)	 4 x 2ft panels (1200 x 600mm)	 2 x 2ft panels (600 x 600mm)	 Complex geometries
Stratlock with rail system - suspended ceilings	Page 2	Page 6	Page 10	Page 14
Stratlock with rail system - screwed to T Bar	Page 3	Page 7	Page 11	Page 15
Stratlock with U channel or timber batten	Page 4	Page 8	Page 12	
SL-FC on plywood substrate	Page 5	Page 9	Page 13	Page 16

Stratlock Range

CEILING USING STRATLOCK RAIL SUSPENDED WITH THREADED ROD PANEL SIZE: 4 X 4FT / 1200 X 1200MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



- VARIATIONS**
- The maximum recommended distance between rails is 800mm / 2.6ft. Panels larger than described in this layout may require more horizontal rails.
 - Place clips between 50 and 100mm / 2 and 4 inches from vertical edge of the panels.

- TIPS**
- For light weight panels or very thin panels, more rails might be advised to avoid wavy edges.
 - SL-SMT1 @ maximum 900mm/2'11" 3/8" centers and alternate each side as per center vertical rail

- PANEL WEIGHT LIMITS**
- The maximum panel density for this application is 25kg per m² or 5lbs per square foot.
 - Male clips SL-M10 can only be applied to panel densities of maximum 10kg per m² or 2lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Ceilings
SL-M10	10kg/m ² (2lb/ft ²)
SL-M18	25kg/m ² (5lb/ft ²)
SL-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 4ft area	Per square feet
SL-RLE	Aluminium extrusion	13ft	3.25ft/ft ²
SL-FA	Female clip	3 units	2 units/ft ²
SL-FB1	Female clip	6 units	2 units/ft ²
SL-SMT1	Sidemount clip for PanelSafe and suspending frame	6 units	3 units/ft ²
SL-C-WW90	Wall to wall connector	6 units	4 units/ft ²
SL-M10 or M18	Male clip	9 units	4 units/ft ²

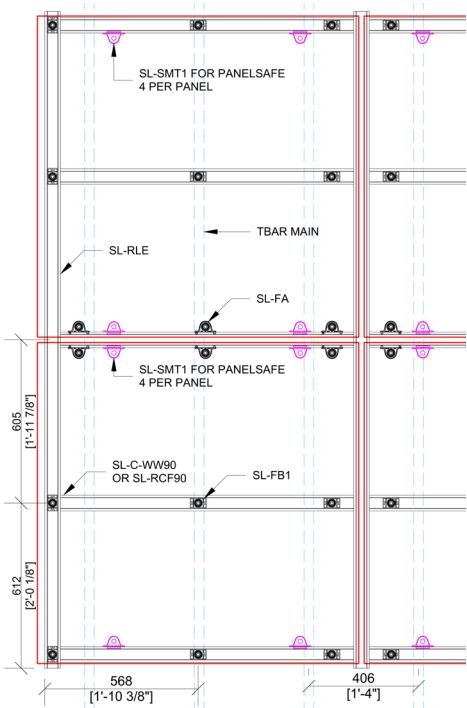
Metric system

Product code	Description	Per 1.2 x 1.2m area	Per square meter
SL-RLE	Aluminium extrusion	4m	3m/m ²
SL-FA	Female clip	3 units	2 units/m ²
SL-FB1	Female clip	6 units	4 units/m ²
SL-SMT1	Sidemount clip for PanelSafe and suspending frame	6 units	3 units/m ²
SL-C-WW90	Wall to wall connector	6 units	4 units/m ²
SL-M10 or M18	Male clip	9 units	6 units/m ²

Stratlock Range

CEILING USING STRATLOCK RAIL SCREWED TO TBAR
PANEL SIZE: 4 X 4FT / 1200 X 1200MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The maximum recommended distance between rails is 800mm / 2.6ft. Panels larger than described in this layout might require more horizontal rails.
- Place clips between 50 and 100mm / 2 and 4 inches from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more rails might be advised to avoid wavy edges.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 25kg per m² or 5lbs per square foot.
- Male clips SL-M10 can only be applied to panel densities of maximum 10kg per m² or 2lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Ceilings
SL-M10	10kg/m ² (2lb/ft ²)
SL-M18	25kg/m ² (5lb/ft ²)
SL-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 4ft area	Per square feet
SL-RLE	Aluminium extrusion	13ft	3.25ft/ft ²
SL-FA	Female clip	3 units	2 units/ft ²
SL-FB1	Female clip	6 units	3 units/ft ²
SL-SMT1	Sidemount clip for PanelSafe	4 units	1 units/ft ²
SL-C-WW90	Wall to wall connector	6 units	4 units/ft ²
SL-M10 or M18	Male clip	9 units	4 units/ft ²

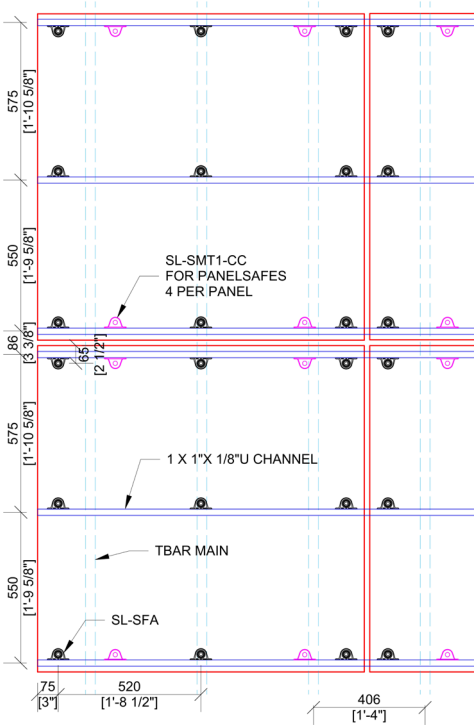
Metric system

Product code	Description	Per 1.2 x 1.2m area	Per square meter
SL-RLE	Aluminium extrusion	4m	3m/m ²
SL-FA	Female clip	3 units	2 units/m ²
SL-FB1	Female clip	6 units	4 units/m ²
SL-SMT1	Sidemount clip for PanelSafe	4 units	4 units/m ²
SL-C-WW90	Wall to wall connector	6 units	4 units/m ²
SL-M10 or M18	Male clip	9 units	6 units/m ²

Stratlock Range

CEILING USING ALUMINIUM U CHANNEL 1" X 1" X 1/8" / 25 X 25 X 3MM
PANEL SIZE: 4 X 4FT / 1200 X 1200MM

This document describes the layout of clips for standard panels of that size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The maximum recommended distance between rails is 800mm / 2.6ft. Panels larger than described in this layout may require more U channels.
- Place clips between 50 and 100mm / 2 and 4 inches from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more U channels might be advised to avoid wavy edges.
- Box section or RHS section can also be used in place of the U channel.
- Timber battens can also be used in place of the U channel.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 25kg per m² or 5lbs per square foot.
- Male clips SL-M10 can only be applied to panel densities of maximum 15kg per m² or 3lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Ceilings
SL-M10	10kg/m ² (2lb/ft ²)
SL-M18	25kg/m ² (5lb/ft ²)
SL-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 4ft area	Per square feet
Orange 1"x 1"x 1/8"	Aluminium U channel	12ft	1ft/ft ²
SL-SFA1	Female clip	9 units	2 units/ft ²
SL-SMT1-CC	Sidemount clip for PanelSafe	4 units	1 units/ft ²
SL-M10 or M18	Male clip	9 units	2 units/ft ²

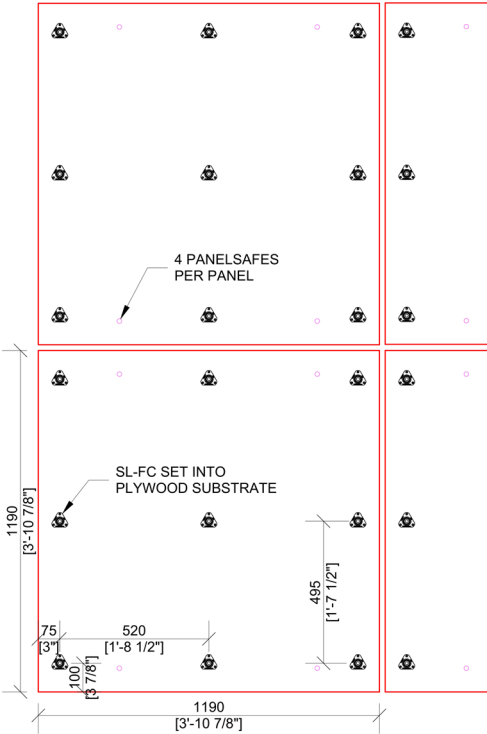
Metric system

Product code	Description	Per 1.2 x 1.2m area	Per square meter
Orange 1"x 1"x 1/8"	Aluminium U channel	3.6m	2.0m/m ²
SL-SFA1	Female clip	9 units	4 units/m ²
SL-SMT1-CC	Sidemount clip for PanelSafe	4 units	2 units/m ²
SL-M10 or M18	Male clip	9 units	4 units/m ²

Stratlock Range

CEILINGS USING STRATLOCK SL-FC SET INTO PLYWOOD
PANEL SIZE: 4 X 4FT / 1200 X 1200MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The maximum recommended center to center distance between SL-FC is 600mm / 24".
- Place clips between 50 and 100mm / 2 and 4 inches from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more clips might be advised to avoid wavy edges.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 25kg per m² or 5lbs per square foot.
- Male clips SL-M10 can only be applied to panel densities of maximum 10kg per m² or 2lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Ceilings
SL-M10	10kg/m ² (2lb/ft ²)
SL-M18	25kg/m ² (5lb/ft ²)
SL-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 4ft area	Per square feet
SL-FC	Female clip	9 units	1 units/ft ²
PanelSafe	PanelSafe restraint	4 units	1 units/ft ²
SL-M10 or M18	Male clip	9 units	1 units/ft ²

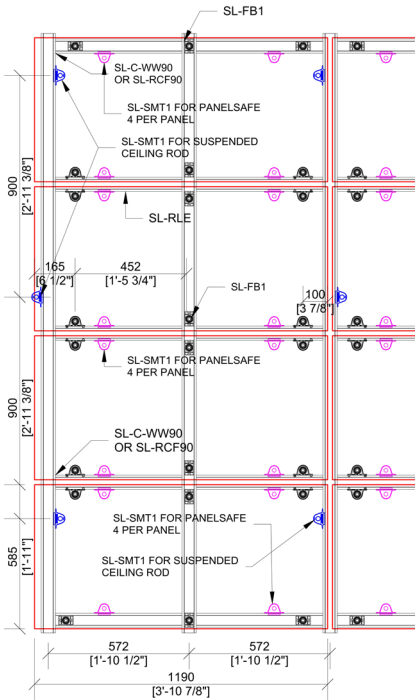
Metric system

Product code	Description	Per 1.2 x 1.2m area	Per square meter
SL-FC	Female clip	9 units	4 units/m ²
PanelSafe	PanelSafe restraint	4 units	4 units/m ²
SL-M10 or M18	Male clip	9 units	4 units/m ²

Stratlock Range

CEILINGS USING STRATLOCK RAIL SUSPENDED
PANEL SIZE: 4 X 2FT / 1200 X 600MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The maximum recommended distance between rails is 800mm / 2.6ft. Panels bigger than described in this layout might require more than 2 horizontal rails.
- Place clips between 50 and 100mm / 2 and 4 inches from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more rails might be advised to avoid wavy edges.
- SL-SMT1 @ maximum 900mm/2'11" 3/8" centers and alternate each side as per center vertical rail

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 25kg per m² or 5lbs per square foot
- Male clips SL-M10 can only be applied to panel densities of maximum 15kg per m² or 3lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Ceilings
SL-M10	10kg/m ² (2lb/ft ²)
SL-M18	25kg/m ² (5lb/ft ²)
SL-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 2ft area	Per square feet
SL-RLE	Aluminium extrusion	11.8ft	1.40ft/ft ²
SL-FA1	Female clip	3 units	0.56 units/ft ²
SL-FB1	Female clip	3 units	1 units/ft ²
SL-SMT1	Sidemount clip for PanelSafe and suspending frame	6 units	4 units/ft ²
SL-C-WW90	Wall to wall connector	4 units	4 units/ft ²
SL-M10 or M18	Male clip	6 units	1 units/ft ²

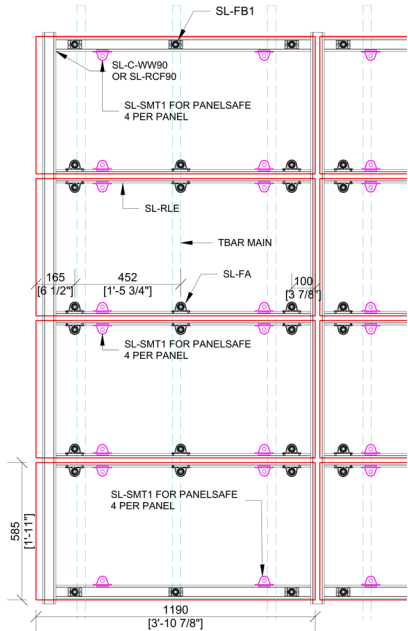
Metric system

Product code	Description	Per 1.2 x 0.6m area	Per square meter
SL-RLE	Aluminium extrusion	3.6m	2.6m/m ²
SL-FA1	Female clip	3 units	6.25 units/m ²
SL-FB1	Female clip	3 units	2 units/m ²
SL-SMT1	Sidemount clip for PanelSafe and suspending frame	6 units	4 units/m ²
SL-C-WW90	Wall to wall connector	4 units	4 units/m ²
SL-M10 or M18	Male clip	6 units	4 units/m ²

Stratlock Range

CEILING USING STRATLOCK RAIL SCREWED TO TBAR
PANEL SIZE: 4 X 2FT / 1200 X 600MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The maximum recommended distance between rails is 800mm / 2.6ft. Panels larger than described in this layout might require more than 2 horizontal rails.
- Place clips between 50 and 100mm / 2 and 4 inches from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more rails might be advised to avoid wavy edges.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 25kg per m² or 5lbs per square foot.
- Male clips SL-M10 can only be applied to panel densities of maximum 15kg per m² or 3lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Ceilings
SL-M10	10kg/m ² (2lb/ft ²)
SL-M18	25kg/m ² (5lb/ft ²)
SL-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 2ft area	Per square feet
SL-RLE	Aluminium extrusion	11.8ft	1.40ft/ft ²
SL-FA1	Female clip	3 units	0.56 units/ft ²
SL-FB1	Female clip	3 units	1 units/ft ²
SL-SMT1	Sidemount clip for PanelSafe	4 units	4 units/ft ²
SL-C-WW90	Wall to wall connector	4 units	4 units/ft ²
SL-M10 or M18	Male clip	6 units	1 units/ft ²

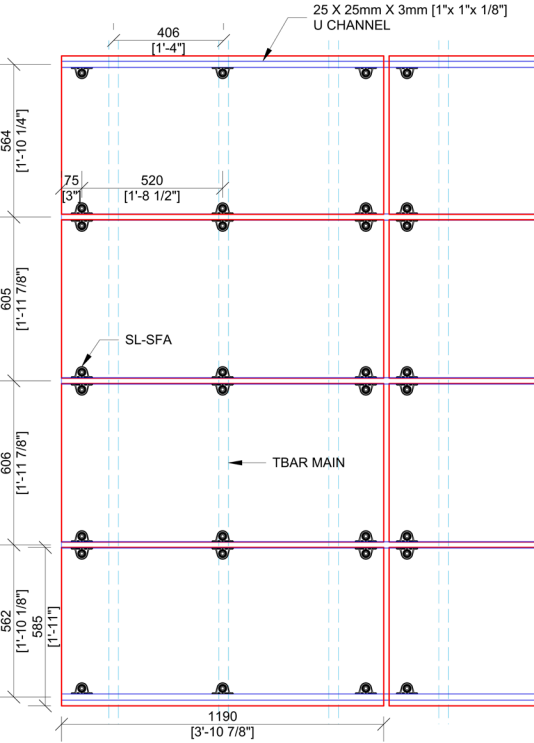
Metric system

Product code	Description	Per 1.2 x 0.6m area	Per square meter
SL-RLE	Aluminium extrusion	3.6m	2.6m/m ²
SL-FA1	Female clip	3 units	6.25 units/m ²
SL-FB1	Female clip	3 units	2 units/m ²
SL-SMT1	Sidemount clip for PanelSafe	4 units	4 units/m ²
SL-C-WW90	Wall to wall connector	4 units	4 units/m ²
SL-M10 or M18	Male clip	6 units	4 units/m ²

Stratlock Range

CEILING USING ALUMINIUM U CHANNEL 1" X 1" X 1/8" / 25 X 25 X 3MM
PANEL SIZE: 4 X 2FT / 1200 X 600MM

This document describes the layout of clips for standard panels of that size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The maximum recommended distance between rails is 800mm / 2.6ft. Panels larger than described in this layout might require more horizontal extrusions.
- Place clips between 50 and 100mm / 2 and 4 inches from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more U channels might be advised to avoid wavy edges.
- Box section or RHS section can also be used in place of the U channel.
- Timber battens can also be used in place of the U channel.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 25kg per m² or 5lbs per square foot.
- Male clips SL-M10 can only be applied to panel densities of maximum 15kg per m² or 3lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Ceilings
SL-M10	15kg/m ² (3lb/ft ²)
SL-M18	25kg/m ² (5lb/ft ²)
SL-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 2ft area	Per square feet
Orange 1"x 1"x 1/8"	Aluminium U channel	8ft	1ft/ft ²
SL-SFA1	Female clip	6 units	1 units/ft ²
SL-M10 or M18	Male clip	6 units	1 units/ft ²

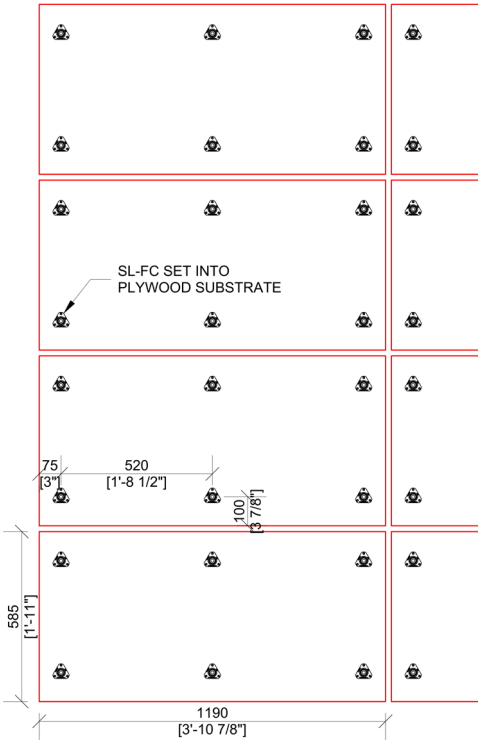
Metric system

Product code	Description	Per 1.2 x 0.6m area	Per square meter
Orange 1"x 1"x 1/8"	Aluminium U channel	2.4m	2m/m ²
SL-SFA1	Female clip	6 units	6 units/m ²
SL-M10 or M18	Male clip	6 units	6 units/m ²

Stratlock Range

CEILING USING STRATLOCK SL-FC SET INTO PLYWOOD
PANEL SIZE: 4 X 2FT / 1200 X 600MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The maximum recommended center to center distance between SL-FC is 600mm / 24".
- Place clips between 50 and 100mm / 2 and 4 inches from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more clips might be advised to avoid wavy edges.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 25kg per m² or 5lbs per square foot.
- Male clips SL-M10 can only be applied to panel densities of maximum 10kg per m² or 2lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Ceilings
SL-M10	10kg/m ² (2lb/ft ²)
SL-M18	25kg/m ² (5lb/ft ²)
SL-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 2ft area	Per square feet
SL-FC	Female clip	6 units	1 units/ft ²
SL-M10 or M18	Male clip	6 units	1 units/ft ²

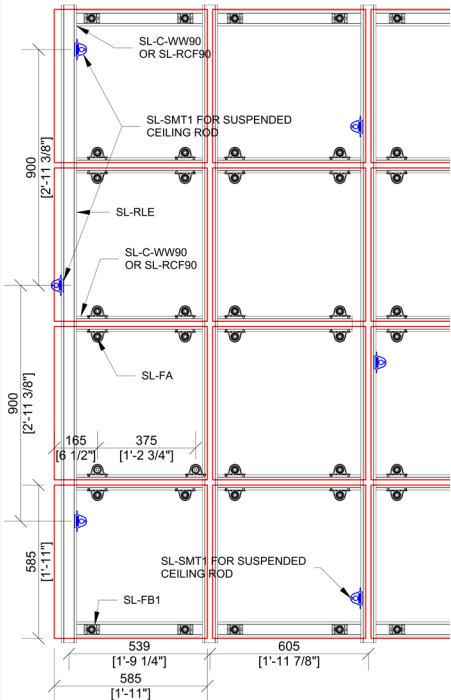
Metric system

Product code	Description	Per 1.2 x 0.6m area	Per square meter
SL-FC	Female clip	6 units	9 units/m ²
SL-M10 or M18	Male clip	6 units	9 units/m ²

Stratlock Range

CEILING USING STRATLOCK RAIL SUSPENDED WITH THREADED ROD
PANEL SIZE: 2 X 2FT / 600 X 600MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 2 x 2ft area	Per square feet
SL-RLE	Aluminium extrusion	5.9ft	2ft/ft ²
SL-FA	Female clip	2 units	1 units/ft ²
SL-FB1	Female clip	2 units	1 units/ft ²
SL-SMT1	Sidemount clip	1 units	1 units/ft ²
SL-C-WW90	Wall to wall connector	2 units	2 units/ft ²
SL-M10 or M18	Male clip	4 units	1 units/ft ²

Metric system

Product code	Description	Per 0.6 x 0.6m area	Per square meter
SL-RLE	Aluminium extrusion	1.8m	2.87m/m ²
SL-FA	Female clip	2 units	6 units/m ²
SL-FB1	Female clip	2 units	3 units/m ²
SL-SMT1	Sidemount clip	1 units	2 units/m ²
SL-C-WW90	Wall to wall connector	2 units	2 units/m ²
SL-M10 or M18	Male clip	4 units	9 units/m ²

VARIATIONS

- The maximum recommended distance between rails is 800mm / 2.6ft. Panels in between will require the rail spacings to adjust to a maximum of 800mm but still fitting to the panel.
- Place clips between 50 and 100mm / 2 and 4 inches from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more rails might be advised to avoid wavy edges.
- SL-SMT1 @ maximum 900mm/2'11" 3/8" centers and alternate each side as per center vertical rail

PANEL WEIGHT LIMITS

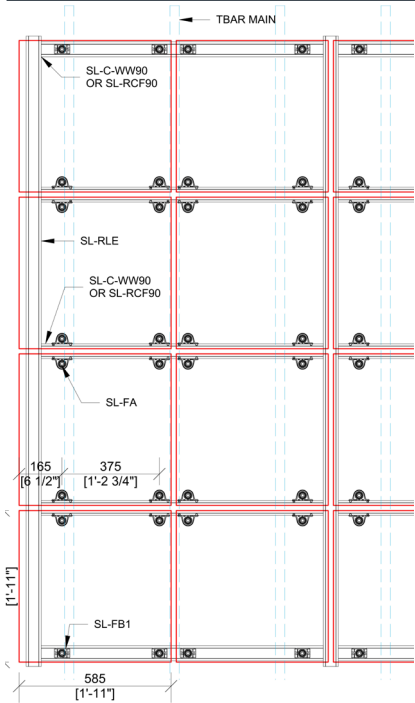
- The maximum panel density for this application is 25kg per m² or 5lbs per square foot.
- Male clips SL-M10 can only be applied to panel densities of maximum 10kg per m² or 2lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Ceilings
SL-M10	10kg/m ² (2lb/ft ²)
SL-M18	25kg/m ² (5lb/ft ²)
SL-M18-FR	25kg/m ² (5lb/ft ²)

Stratlock Range

CEILING USING STRATLOCK RAIL SCREWED TO TBAR
PANEL SIZE: 2 X 2FT / 600 X 600MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The maximum recommended distance between rails is 800mm / 2.6ft. Panels in between will require the rail spacings to adjust to a maximum of 800mm but still fitting to the panel.
- Place clips between 50 and 100mm / 2 and 4 inches from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more rails might be advised to avoid wavy edges.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 25kg per m² or 5lbs per square foot.
- Male clips SL-M10 can only be applied to panel densities of maximum 10kg per m² or 2lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Ceilings
SL-M10	10kg/m ² (2lb/ft ²)
SL-M18	25kg/m ² (5lb/ft ²)
SL-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 2 x 2ft area	Per square feet
SL-RLE	Aluminium extrusion	5.9ft	2ft/ft ²
SL-FA	Female clip	2 units	1 units/ft ²
SL-FB1	Female clip	2 units	1 units/ft ²
SL-C-WW90	Wall to wall connector	2 units	2 units/ft ²
SL-M10 or M18	Male clip	4 units	1 units/ft ²

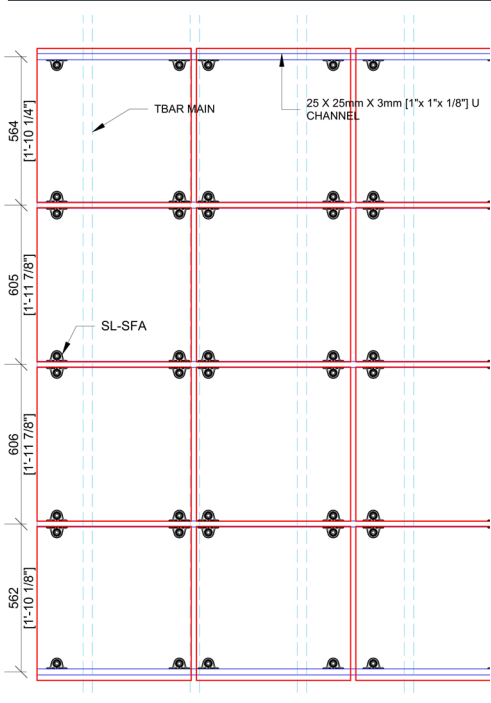
Metric system

Product code	Description	Per 0.6 x 0.6m area	Per square meter
SL-RLE	Aluminium extrusion	1.8m	2.87m/m ²
SL-FA	Female clip	2 units	6 units/m ²
SL-FB1	Female clip	2 units	3 units/m ²
SL-C-WW90	Wall to wall connector	2 units	2 units/m ²
SL-M10 or M18	Male clip	4 units	9 units/m ²

Stratlock Range

CEILING USING ALUMINIUM U CHANNEL 1" X 1" X 1/8" / 25 X 25 X 3MM
PANEL SIZE: 2 X 2FT / 600 X 600MM

This document describes the layout of clips for standard panels of that size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The maximum recommended distance between rails is 800mm / 2.6ft. Panels larger than described in this layout might require more horizontal rails.
- Place clips between 50 and 100mm / 2 and 4 inches from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more U channels might be advised to avoid wavy edges.
- Box section or RHS section can also be used in place of the U channel.
- Timber battens can also be used in place of the U channel.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 25kg per m² or 5lbs per square foot.
- Male clips SL-M10 can only be applied to panel densities of maximum 15kg per m² or 3lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Ceilings
SL-M10	10kg/m ² (2lb/ft ²)
SL-M18	25kg/m ² (5lb/ft ²)
SL-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 2 x 2ft area	Per square feet
Orange 1"x 1"x 1/8"	Aluminium U channel	4ft	1ft/ft ²
SL-SFA1	Female clip	4 units	1 units/ft ²
SL-M10 or M18	Male clip	4 units	1 units/ft ²

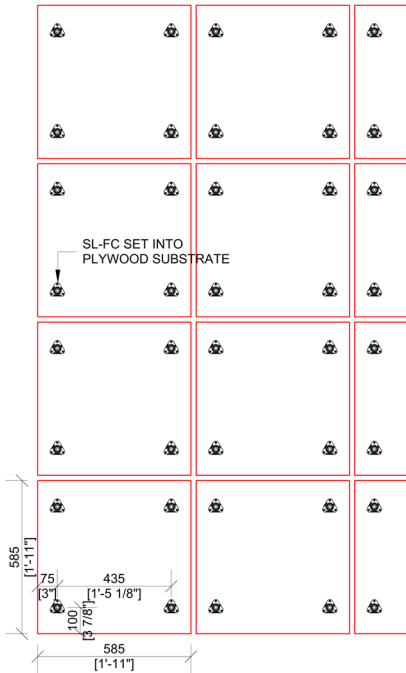
Metric system

Product code	Description	Per 0.6 x 0.6m area	Per square meter
Orange 1"x 1"x 1/8"	Aluminium U channel	1.2m	2m/m ²
SL-SFA1	Female clip	4 units	9 units/m ²
SL-M10 or M18	Male clip	4 units	9 units/m ²

Stratlock Range

CEILINGS USING STRATLOCK SL-FC SET INTO PLYWOOD PANEL SIZE: 2 X 2FT / 600 X 600MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The maximum recommended center to center distance between SL-FC is 600mm / 24".
- Place clips between 50 and 100mm / 2 and 4 inches from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more clips might be advised to avoid wavy edges.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 25kg per m² or 5lbs per square foot.
- Male clips SL-M10 can only be applied to panel densities of maximum 10kg per m² or 2lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Ceilings
SL-M10	10kg/m ² (2lb/ft ²)
SL-M18	25kg/m ² (5lb/ft ²)
SL-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 2 x 2ft area	Per square feet
SL-FC	Female clip	4 units	1 units/ft ²
SL-M10 or M18	Male clip	4 units	1 units/ft ²

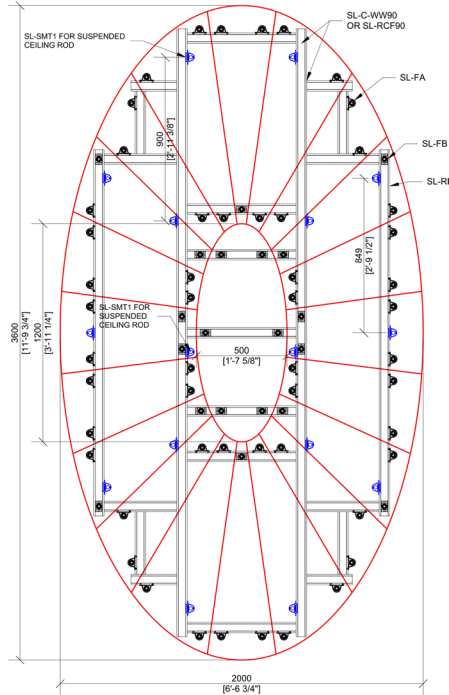
Metric system

Product code	Description	Per 0.6 x 0.6m area	Per square meter
SL-FC	Female clip	4 units	9 units/m ²
SL-M10 or M18	Male clip	4 units	9 units/m ²

Stratlock Range

CEILINGS USING STRATLOCK RAIL SUSPENDED PANEL SIZE: COMPLEX SHAPES

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The maximum recommended distance between rails is 800mm / 2.6ft. Panels larger than described in this layout might require more horizontal and vertical rails depending on layout.
- Place clips between 50 and 100mm / 2 and 4 inches from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more rails might be advised to avoid wavy edges.
- SL-SMT1 @ maximum 900mm/2'11" 3/8" centers and alternate each side as per center vertical rail

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 25kg per m² or 5lbs per square foot.
- Male clips SL-M10 can only be applied to panel densities of maximum 10kg per m² or 2lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Ceilings
SL-M10	10kg/m ² (2lb/ft ²)
SL-M18	25kg/m ² (5lb/ft ²)
SL-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Complex area	Per square feet
SL-RLE	Aluminium extrusion	63ft	0.09ft/ft ²
SL-FB1	Female clip	18 units	0.08 units/ft ²
SL-FA1	Female clip	52 units	0.25 units/ft ²
SL-SMT1	Sidemount clip for suspending frame	16 units	0.07 units/ft ²
SL-C-WW90	Wall to wall connector	34 units	0.16 units/ft ²
SL-M10 or M18	Male clip	70 units	0.34 units/ft ²

Metric system

Product code	Description	Complex area	Per square meter
SL-RLE	Aluminium extrusion	19.1m	3.37m/m ²
SL-FB1	Female clip	18 units	3.18 units/m ²
SL-FA1	Female clip	52 units	9.2 units/m ²
SL-SMT1	Sidemount clip for suspending frame	16 units	2.8 units/m ²
SL-C-WW90	Wall to wall connector	34 units	6 units/m ²
SL-M10 or M18	Male clip	70 units	12.3 units/m ²

Stratlock Range

CEILING USING STRATLOCK RAIL SCREWED TO TBAR

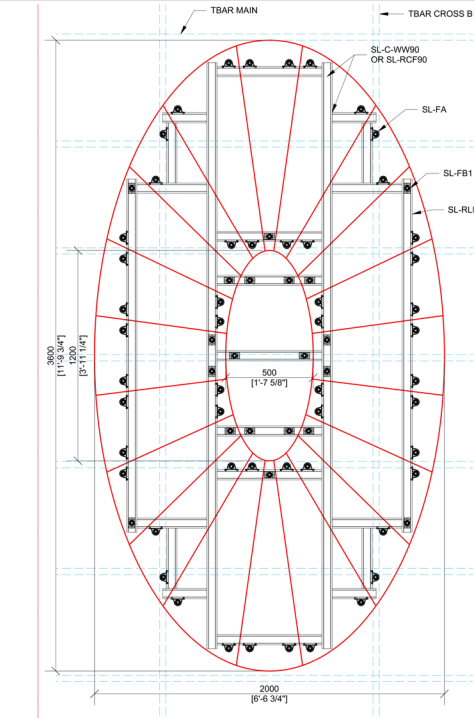
PANEL SIZE: COMPLEX SHAPES

Stratlock Range

CEILING SCREWED TO PLYWOOD SUBSTRATE

PANEL SIZE: COMPLEX SHAPES

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



- VARIATIONS**
- The maximum recommended distance between rails is 800mm / 2.6ft. Panels larger than described in this layout may require more horizontal or vertical rails depending on layout.
 - Place clips between 50 and 100mm / 2 and 4 inches from vertical edge of the panels.
- TIPS**
- For light weight panels or very thin panels, more rails might be advised to avoid wavy edge.
- PANEL WEIGHT LIMITS**
- The maximum panel density for this application is 25kg per m² or 5lbs per square foot.
 - Male clips SL-M10 can only be applied to panel densities of maximum 10kg per m² or 2lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Ceilings
SL-M10	10kg/m² (2lb/ft²)
SL-M18	25kg/m² (5lb/ft²)
SL-M18-FR	25kg/m² (5lb/ft²)

QUANTITIES PER SPECIFIED PANEL SIZE

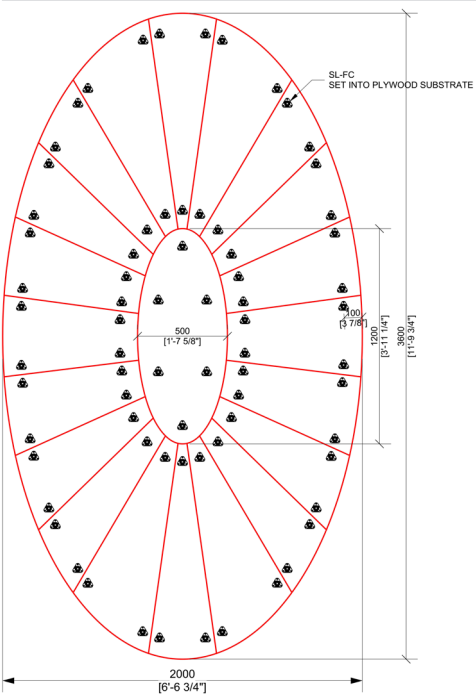
Imperial system

Product code	Description	Complex area	Per square feet
SL-RLE	Aluminium extrusion	63ft	0.09ft/ft²
SL-FB1	Female clip	18 units	0.08 units/ft²
SL-FA1	Female clip	52 units	0.25 units/ft²
SL-C-WW90	Wall to wall connector	34 units	0.16 units/ft²
SL-M10 or M18	Male clip	70 units	0.34 units/ft²

Metric system

Product code	Description	Complex area	Per square meter
SL-RLE	Aluminium extrusion	19.1m	3.37m/m²
SL-FB1	Female clip	18 units	3.18 units/m²
SL-FA1	Female clip	52 units	9.2 units/m²
SL-C-WW90	Wall to wall connector	34 units	6 units/m²
SL-M10 or M18	Male clip	70 units	12.3 units/m²

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



- VARIATIONS**
- Place clips between 50 and 100mm / 2 and 4 inches from vertical edge of the panels.
- TIPS**
- For light weight panels or very thin panels, more rails might be advised to avoid wavy edges.
- PANEL WEIGHT LIMITS**
- The maximum panel density for this application is 25kg per m² or 5lbs per square foot.
 - Male clips SL-M10 can only be applied to panel densities of maximum 10kg per m² or 2lbs per square foot. Anything over this should be mounted with the SL-M18 male clips.

Model	Max panel weight density: Ceilings
SL-M10	10kg/m² (2lb/ft²)
SL-M18	25kg/m² (5lb/ft²)
SL-M18-FR	25kg/m² (5lb/ft²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Complex area	Per square feet
SL-FC	Female clip	72 units	0.35 units/ft²
SL-M10 or M18	Male clip	72 units	0.35 units/ft²

Metric system



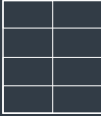

Product code	Description	Complex area	Per square meter
SL-FC	Female clip	72 units	12.7 units/m²
SL-M10 or M18	Male clip	72 units	12.7 units/m²

SLX Range

WALLS

This document describes the layout of clips for standard panels sizes in walls, listed below. For ceilings, please consult the Clip Layout guide for ceiling panels.

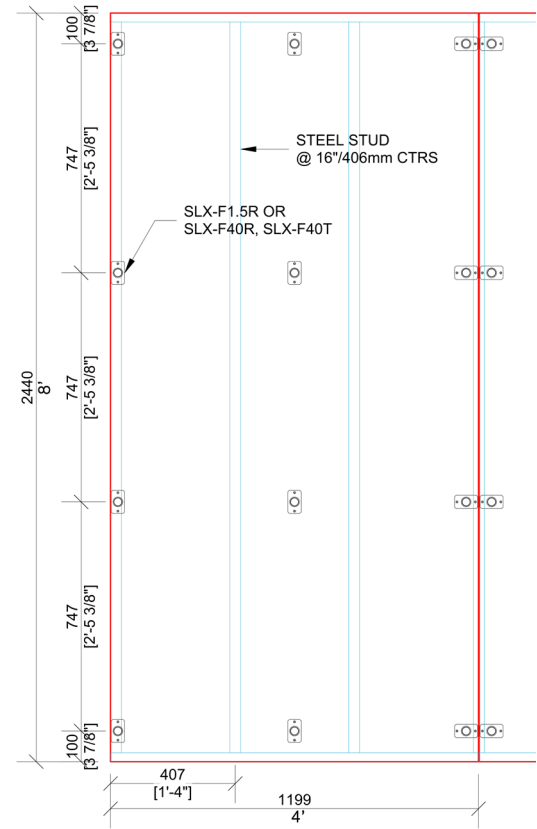
For custom panels and/or custom application please contact the Fastmount team or Fastmount distributors for technical support.

				
	8 x 4ft panels (2400 x 1200mm)	8 x 2ft panels (2400 x 600mm)	4 x 2ft panels (1200 x 600mm)	Complex geometries
SLX on plywood substrate	Page 2	Page 4	Page 6	Page 8
SLX on drywall / plasterboard substrate	Page 3	Page 5	Page 7	Page 9

SLX Range

WALLS USING SLX-F1.5R, SLX-F40R OR SLX-F40T INTO PLYWOOD SUBSTRATE
PANEL SIZE: 8 X 4FT / 2400 X 1200MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The clip layout is designed around the stud centers layout. Either 16" / 406.5mm or 24" / 610mm standard centers.
- Place clips between 50 and 100mm / 2" and 4" from vertical edge of the panels.

TIPS

- For lightweight or very thin panels, more clips might be advised to avoid wavy edges.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 30kg per m² or 6lbs per square foot.
- Male clips SLX-M5 and SLX-M10 can only be applied to panel densities of maximum 10kg/ m² or 2lbs per ft² for the M5 or 15kg per m² or 3lbs per square foot for the M10. Anything over this should be mounted with the SLX-M18 or SLX-M25 male clips.

Model	Max weight per square meter: Walls
SLX-M5	10kg/m² (2lb/ft²)
SLX-M10	15kg/m² (3lb/ft²)
SLX-M18	25kg/m² (5lb/ft²)
SLX-M18-FR	25kg/m² (5lb/ft²)
SLX-M25*	30kg/m² (6lb/ft²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 8 x 4ft area	Per square feet
SLX-F1.5R	US drywall / plywood female clip	12 units	0.38 units/ft²
OR SLX-F40R / SLX-F40T	EU plasterboard / plywood female clip	12 units	0.38 units/ft²
SLX-M5, M10 or M18, M18FR, M25*	Universal male clips	12 units	0.38 units/ft²

Metric system

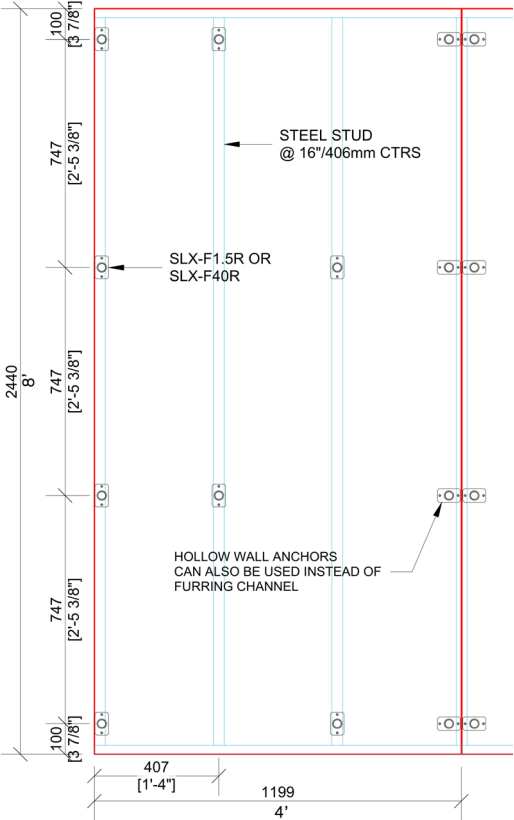
Product code	Description	Per 2.4 x 1.2m area	Per square metre
SLX-F1.5R	US drywall / plywood female clip	12 units	4.17 units/m²
OR SLX-F40R / SLX-F40T	EU plasterboard / plywood female clip	12 units	4.17 units/m²
SLX-M5, M10 or M18, M18FR, M25*	Universal male clips	12 units	4.17 units/m²

*SLX-M25 can only be used with SLX-F40T

SLX Range

WALLS USING SLX-F1.5R OR SLX-F40R INTO DRYWALL / PLASTERBOARD SUBSTRATE
PANEL SIZE: 8 X 4FT / 2400 X 1200MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The clip layout is designed around the stud centers layout. Either 16" / 406.5mm or 24" / 610mm standard centers.
- Place clips between 50 and 100mm / 2" and 4" from vertical edge of the panels.

TIPS

- For lightweight or very thin panels, more clips might be advised to avoid wavy edges.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 30kg per m² or 6lbs per square foot.
- Male clips SLX-M5 and SLX-M10 can only be applied to panel densities of maximum 10kg/m² or 2lbs per ft² for the M5 or 15kg per m² or 3lbs per square foot for the M10. Anything over this should be mounted with the SLX-M18 male clip.

Model	Max weight per square meter: Walls
SLX-M5	10kg/m ² (2lb/ft ²)
SLX-M10	15kg/m ² (3lb/ft ²)
SLX-M18	25kg/m ² (5lb/ft ²)
SLX-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 8 x 4ft area	Per square feet
SLX-F1.5R	US drywall / plywood female clip	12 units	0.38 units/ft ²
OR SLX-F40R	EU plasterboard female clip	12 units	0.38 units/ft ²
SLX-M5, M10, M18 or M18FR	Universal male clips	12 units	0.38 units/ft ²

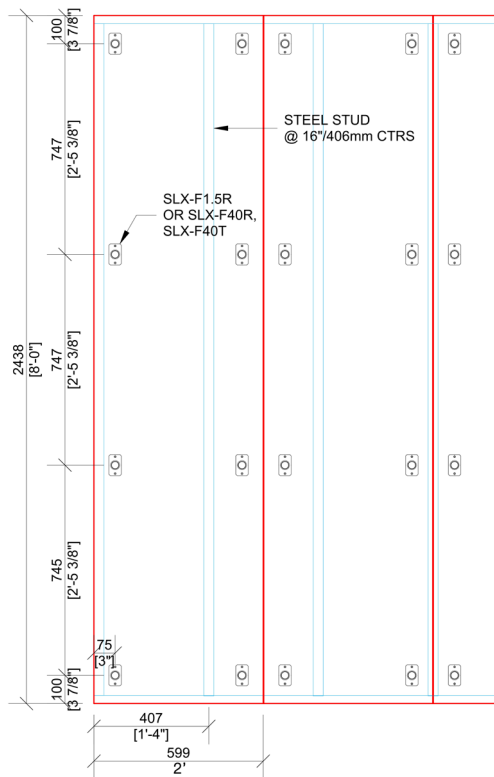
Metric system

Product code	Description	Per 2.4 x 1.2m area	Per square metre
SLX-F1.5R	US drywall / plywood female clip	12 units	4.17 units/m ²
OR SLX-F40R	EU plasterboard female clip	12 units	4.17 units/m ²
SLX-M5, M10, M18 or M18FR	Universal male clips	12 units	4.17 units/m ²

SLX Range

WALLS USING SLX-F1.5R, SLX-F40R OR SLX-F40T INTO PLYWOOD
PANEL SIZE: 8 X 2FT / 2400 X 600MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The clip layout is designed around the stud centers layout. Either 16" / 406.5mm or 24" / 610mm standard centers.
- Place clips between 50 and 100mm / 2" and 4" from vertical edge of the panels.

TIPS

- For lightweight or very thin panels, more clips might be advised to avoid wavy edges.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 30kg per m² or 6lbs per square foot.
- Male clips SLX-M5 and SLX-M10 can only be applied to panel densities of maximum 10kg/m² or 2lbs per ft² for the M5 or 15kg per m² or 3lbs per square foot for the M10. Anything over this should be mounted with the SLX-M18 or SLX-M25 male clips.

Model	Max weight per square meter: Walls
SLX-M5	10kg/m ² (2lb/ft ²)
SLX-M10	15kg/m ² (3lb/ft ²)
SLX-M18	25kg/m ² (5lb/ft ²)
SLX-M18-FR	25kg/m ² (5lb/ft ²)
SLX-M25*	30kg/m ² (6lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 8 x 2ft area	Per square feet
SLX-F1.5R	US drywall / plywood female clip	8 units	0.50 units/ft ²
OR SLX-F40R / SLX-F40T	EU plasterboard / plywood female clip	8 units	0.50 units/ft ²
SLX-M5, M10, M18, M18FR, M25*	Universal male clip	8 units	0.50 units/ft ²

Metric system

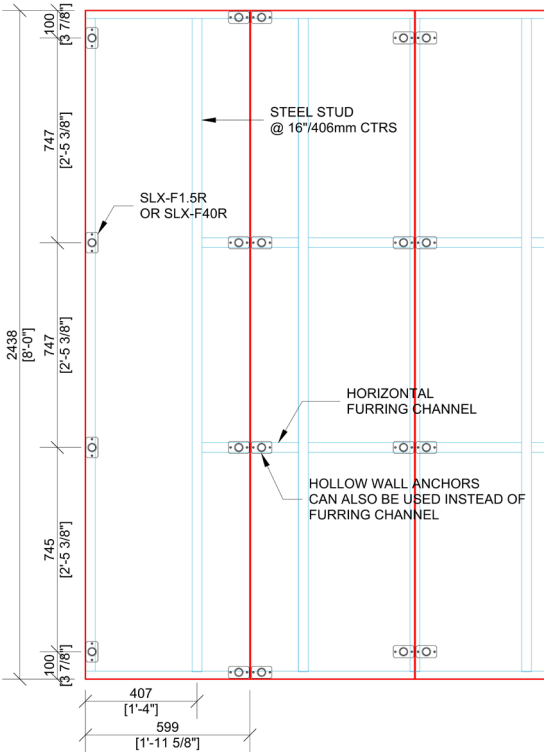
Product code	Description	Per 2.4 x 0.6m area	Per square metre
SLX-F1.5R	US drywall / plywood female clip	8 units	5.56 units/m ²
OR SLX-F40R / SLX-F40T	EU plasterboard / plywood female clip	8 units	5.56 units/m ²
SLX-M5, M10, M18, M18FR, M25*	Universal male clip	8 units	5.56 units/m ²

*SLX-M25 can only be used with SLX-F40T

SLX Range

WALLS USING SLX-F1.5R OR SLX-F40R INTO DRYWALL / PLASTERBOARD
PANEL SIZE: 2 X 8FT / 600 X 2400MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The clip layout is designed around the stud centers layout. Either 16" / 406.5mm or 24" / 610mm standard centers.
- Place clips between 50 and 100mm / 2" and 4" from vertical edge of the panels.

TIPS

- For lightweight or very thin panels, more clips might be advised to avoid wavy edges.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 30kg per m² or 6lbs per square foot.
- Male clips SLX-M5 and SLX-M10 can only be applied to panel densities of maximum 10kg/m² or 2lbs per ft² for the M5 or 15kg per m² or 3lbs per square foot for the M10. Anything over this should be mounted with the SLX-M18 male clip.

Model	Max weight per square meter: Walls
SLX-M5	10kg/m ² (2lb/ft ²)
SLX-M10	15kg/m ² (3lb/ft ²)
SLX-M18	25kg/m ² (5lb/ft ²)
SLX-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 8 x 2ft area	Per square feet
SLX-F1.5R	US drywall / plywood female clip	8 units	0.50 units/ft ²
OR SLX-F40R	EU plasterboard female clip	8 units	0.50 units/ft ²
SLX-M5, M10, M18 or M18FR	Universal male clip	8 units	0.50 units/ft ²

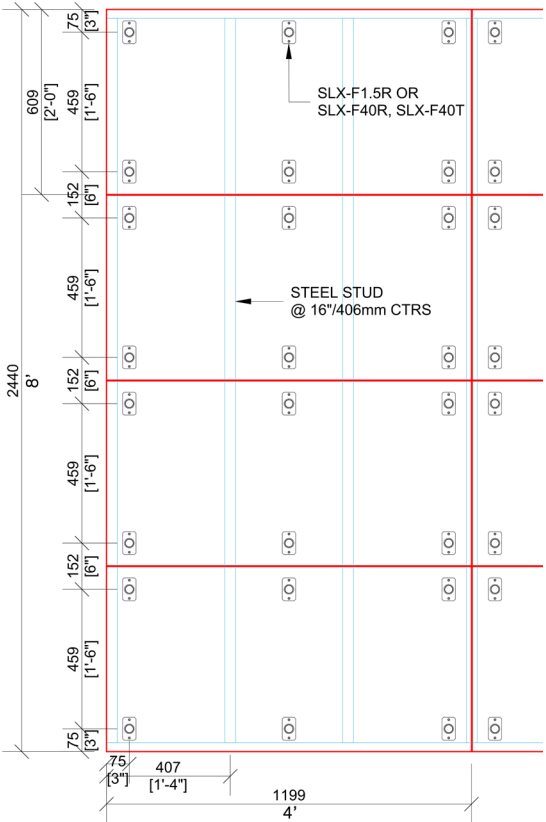
Metric system

Product code	Description	Per 2.4 x 0.6m area	Per square metre
SLX-F1.5R	US drywall / plywood female clip	8 units	5.56 units/m ²
OR SLX-F40R	EU plasterboard female clip	8 units	5.56 units/m ²
SLX-M5, M10, M18 or M18FR	Universal male clip	8 units	5.56 units/m ²

SLX Range

WALLS USING SLX-F1.5R, SLX-F40R OR SLX-F40T FOR PLYWOOD
PANEL SIZE: 4 X 2FT / 1200 X 600MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The clip layout is designed around the stud centers layout. Either 16" / 406.5mm or 24" / 610mm standard centers.
- Place clips between 50 and 100mm / 2" and 4" from vertical edge of the panels.

TIPS

- For lightweight or very thin panels, more clips might be advised to avoid wavy edges.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 30kg per m² or 6lbs per square foot.
- Male clips SLX-M5 and SLX-M10 can only be applied to panel densities of maximum 10kg/m² or 2lbs per ft² for the M5 or 15kg per m² or 3lbs per square foot for the M10. Anything over this should be mounted with the SLX-M18 or SLX-M25 male clips.

Model	Max weight per square meter: Walls
SLX-M5	10kg/m ² (2lb/ft ²)
SLX-M10	15kg/m ² (3lb/ft ²)
SLX-M18	25kg/m ² (5lb/ft ²)
SLX-M18-FR	25kg/m ² (5lb/ft ²)
SLX-M25*	30kg/m ² (6lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 2ft area	Per square feet
SLX-F1.5R	US drywall / plywood female clip	6 units	0.75 units/ft ²
OR SLX-F40R / SLX-F40T	EU plasterboard / plywood female clip	6 units	0.75 units/ft ²
SLX-M5, M10, M18, M18FR, M25*	Universal male clip	6 units	0.75 units/ft ²

Metric system

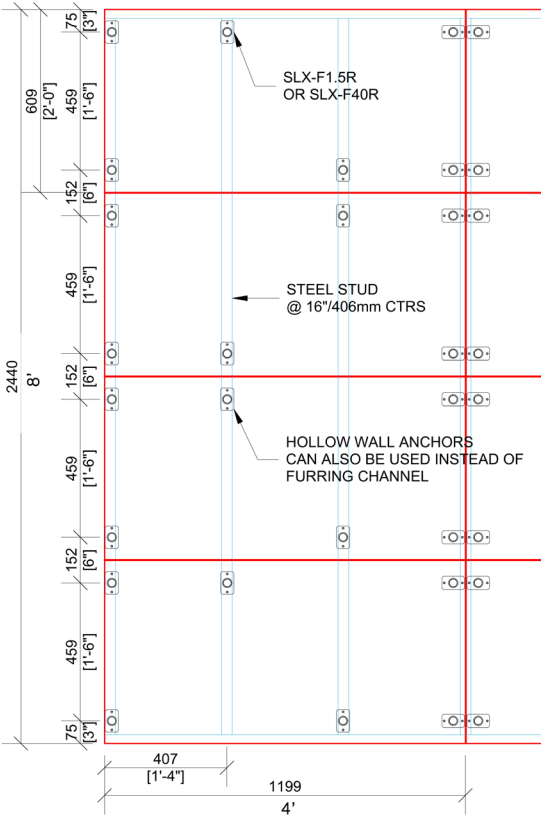
Product code	Description	Per 1.2 x 0.6m area	Per square metre
SLX-F1.5R	US drywall / plywood female clip	6 units	8.33 units/m ²
OR SLX-F40R / SLX-F40T	EU plasterboard / plywood female clip	6 units	8.33 units/m ²
SLX-M5, M10, M18, M18FR, M25*	Universal male clip	6 units	8.33 units/m ²

*SLX-M25 can only be used with SLX-F40T

SLX Range

WALLS USING SLX-F1.5R OR SLX-F40R FOR DRYWALL / PLASTERBOARD
PANEL SIZE: 4 X 2 FT / 1200 X 600MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The clip layout is designed around the stud centers layout. Either 16" / 406.5mm or 24" / 610mm standard centers.
- Place clips between 50 and 100mm / 2" and 4" from vertical edge of the panels.

TIPS

- For lightweight or very thin panels, more clips might be advised to avoid wavy edges.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 30kg per m² or 6lbs per square foot.
- Male clips SLX-M5 and SLX-M10 can only be applied to panel densities of maximum 10kg/m² or 2lbs per ft² for the M5 or 15kg per m² or 3lbs per square foot for the M10. Anything over this should be mounted with the SLX-M18 male clip.

Model	Max weight per square meter: Walls
SLX-M5	10kg/m ² (2lb/ft ²)
SLX-M10	15kg/m ² (3lb/ft ²)
SLX-M18	25kg/m ² (5lb/ft ²)
SLX-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 2ft area	Per square feet
SLX-F1.5R	US drywall / plywood female clip	6 units	0.75 units/ft ²
OR SLX-F40R	EU plasterboard female clip	6 units	0.75 units/ft ²
SLX-M5, M10, M18 or M18FR	Universal male clip	6 units	0.75 units/ft ²

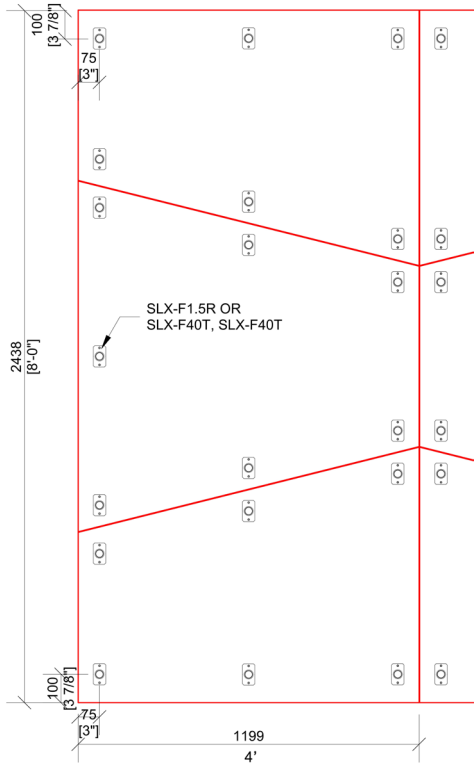
Metric system

Product code	Description	Per 1.2 x 0.6m area	Per square metre
SLX-F1.5R	US drywall / plywood female clip	6 units	8.33 units/m ²
OR SLX-F40R	EU plasterboard female clip	6 units	8.33 units/m ²
SLX-M5, M10, M18 or M18FR	Universal male clip	6 units	8.33 units/m ²

SLX Range

WALLS USING SLX-F1.5R, SLX-F40R OR SLX-F40T FOR PLYWOOD
PANEL SIZE: COMPLEX SHAPES

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- Place clips between 50 and 100mm / 2" and 4" from vertical edge of the panels.

TIPS

- For lightweight or very thin panels, more clips might be advised to avoid wavy edges.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 30kg per m² or 6lbs per square foot.
- Male clips SLX-M5 and SLX-M10 can only be applied to panel densities of maximum 10kg/m² or 2lbs per ft² for the M5 or 15kg per m² or 3lbs per square foot for the M10. Anything over this should be mounted with the SLX-M18 or SLX-M25 male clips.

Model	Max weight per square meter: Walls
SLX-M5	10kg/m ² (2lb/ft ²)
SLX-M10	15kg/m ² (3lb/ft ²)
SLX-M18	25kg/m ² (5lb/ft ²)
SLX-M18-FR	25kg/m ² (5lb/ft ²)
SLX-M25*	30kg/m ² (6lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 8 x 4 ft area	Per square feet
SLX-F1.5R	US drywall / plywood female clip	19 units	0.59/ft ²
OR SLX-F40R / SLX-F40T	EU plasterboard / plywood female clip	19 units	0.59/ft ²
SLX-M5, M10, M18, M18FR, M25*	Male clip	19 units	0.59/ft ²

Metric system

Product code	Description	Per 2.4 x 1.2m area	Per square metre
SLX-F1.5R	US drywall / plywood female clip	19 units	6.6 units/m ²
OR SLX-F40R / SLX-F40T	EU plasterboard / plywood female clip	19 units	6.6 units/m ²
SLX-M5, M10, M18, M18FR, M25*	Male clip	19 units	6.6 units/m ²

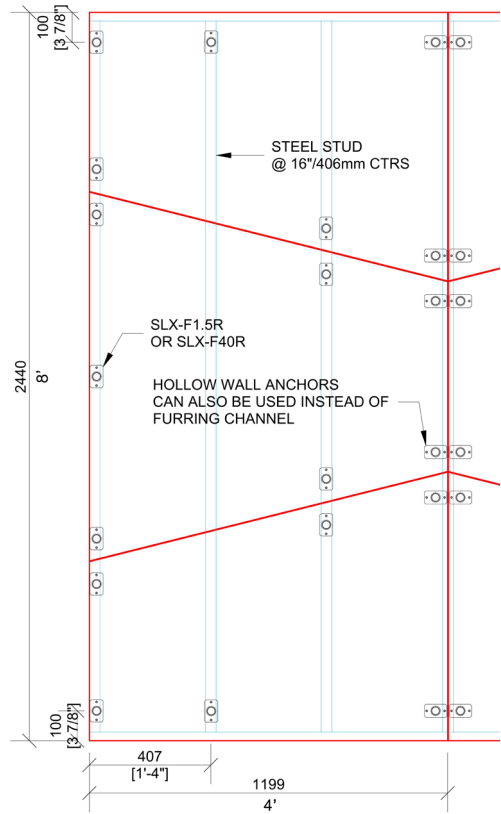
*SLX-M25 can only be used with SLX-F40T

SLX Range

WALLS USING SLX-F1.5R OR SLX-F40R FOR DRYWALL / PLASTERBOARD

PANEL SIZE: COMPLEX SHAPES

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



- VARIATIONS**
- Place clips between 50 and 100mm / 2" and 4" from vertical edge of the panels.
- TIPS**
- For lightweight or very thin panels, more clips might be advised to avoid wavy edges.
- PANEL WEIGHT LIMITS**
- The maximum panel density for this application is 30kg per m² or 6lbs per square foot.
 - Male clips SLX-M5 and SLX-M10 can only be applied to panel densities of maximum 10kg/m² or 2lbs per ft² for the M5 or 15kg per m² or 3lbs per square foot for the M10. Anything over this should be mounted with the SLX-M18 male clip.

Model	Max weight per square meter: Walls
SLX-M5	10kg/m ² (2lb/ft ²)
SLX-M10	15kg/m ² (3lb/ft ²)
SLX-M18	25kg/m ² (5lb/ft ²)
SLX-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 8 x 4 ft area	Per square feet
SLX-F1.5R	US drywall / plywood female clip	19 units	0.59/ft ²
OR SLX-F40R	EU plasterboard female clip	19 units	0.59/ft ²
SLX-M5, M10, M18 or M18FR	Universal male clip	19 units	0.59/ft ²

Metric system

Product code	Description	Per 2.4 x 1.2m area	Per square metre
SLX-F1.5R	US drywall / plywood female clip	19 units	6.6 units/m ²
OR SLX-F40R	EU plasterboard female clip	19 units	6.6 units/m ²
SLX-M5, M10, M18 or M18FR	Universal male clip	19 units	6.6 units/m ²

CLIP LAYOUT GUIDE



SLX Range

CEILING

This document describes the layout of clips for standard panels sizes in ceilings, listed below. For walls, please consult the Clip Layout Guide for wall panels.

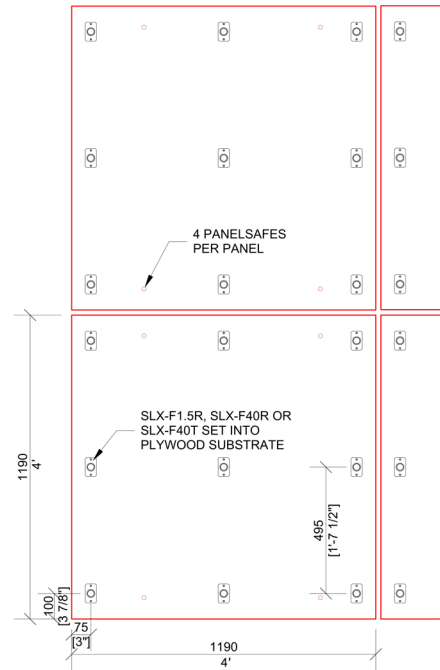
For custom panels and/or custom application please contact the Fastmount team or Fastmount distributors for technical support.

	<p>4 x 4ft panels (1200 x 1200mm)</p>	<p>4 x 2ft panels (1200 x 600mm)</p>	<p>2 x 2ft panels (600 x 600mm)</p>	<p>Complex geometries</p>
SLX on plywood substrate	Page 2	Page 3	Page 4	Page 5

SLX Range

CEILINGS USING SLX-F1.5R, SLX-F40R OR SLX-F40T INTO PLYWOOD
PANEL SIZE: 4 X 4FT / 1200 X 1200MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The clip layout is designed around the T Bar centers layout. Standard centers 24" / 600mm.
- Place clips between 50 and 100mm / 2" and 4" from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more clips might be advised to avoid wavy edges.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 30kg per m² or 6lbs per square foot.
- Male clip SLX-M10 can only be applied to panel weighting a maximum 10kg per square meter or 2lb per square foot. Anything over this should be mounted with the SLX-M18 or SLX-M25 male clips.

Model	Max weight per square meter: Ceilings
SLX-M10	10kg/m ² (2lb/ft ²)
SLX-M18	25kg/m ² (5lb/ft ²)
SLX-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 4ft area	Per square feet
SLX-F1.5R	US drywall / plywood female clip	9 units	0.56 units/ft ²
OR SLX-F40R / SLX-F40T	EU plasterboard / plywood female clip	9 units	0.56 units/ft ²
SLX-M10, M18, M18FR or M25*	Universal male clip	9 units	0.56 units/ft ²

Metric system

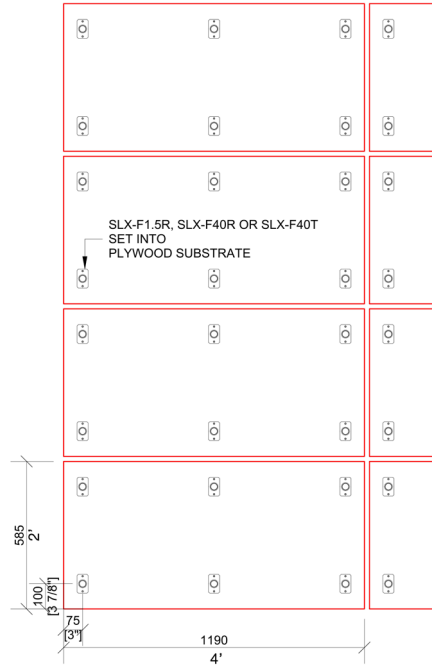
Product code	Description	Per 1.2 x 1.2m area	Per square meter
SLX-F1.5R	US drywall / plywood female clip	9 units	6.25 units/m ²
OR SLX-F40R / SLX-F40T	EU plasterboard / plywood female clip	9 units	6.25 units/m ²
SLX-M10, M18, M18FR or M25*	Universal male clip	9 units	6.25 units/m ²

*SLX-M25 can only be used with SLX-F40T

SLX Range

CEILINGS USING SLX-F1.5R, SLX-F40R OR SLX-F40T INTO PLYWOOD SUBSTRATE
PANEL SIZE: 4 X 2FT / 1200 X 600MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



VARIATIONS

- The clip layout is designed around the T Bar centers layout. Standard centers 24" / 600mm.
- Place clips between 50 and 100mm / 2" and 4" from vertical edge of the panels.

TIPS

- For light weight panels or very thin panels, more clips might be advised to avoid wavy edges.

PANEL WEIGHT LIMITS

- The maximum panel density for this application is 30kg per m² or 6lbs per square foot.
- Male clip SLX-M10 can only be applied to panel weighting a maximum 10kg per square meter or 2lb per square foot. Anything over this should be mounted with the SLX-M18 or SLX-M25 male clips.

Model	Max weight per square meter: Ceilings
SLX-M10	10kg/m ² (2lb/ft ²)
SLX-M18	25kg/m ² (5lb/ft ²)
SLX-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 2ft area	Per square feet
SLX-F1.5R	US drywall / plywood female clip	6 units	0.75 units/ft ²
OR SLX-F40R / SLX-F40T	EU plasterboard / plywood female clip	6 units	0.75 units/ft ²
SLX-M10, M18, M18FR or M25*	Universal male clip	6 units	0.75 units/ft ²

Metric system

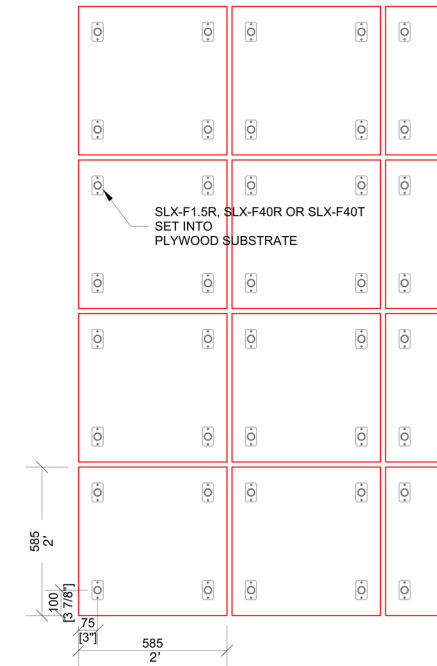
Product code	Description	Per 1.2 x 0.6m area	Per square meter
SLX-F1.5R	US drywall / plywood female clip	6 units	8.33 units/m ²
OR SLX-F40R / SLX-F40T	EU plasterboard / plywood female clip	6 units	8.33 units/m ²
SLX-M10, M18, M18FR or M25*	Universal male clip	6 units	8.33 units/m ²

*SLX-M25 can only be used with SLX-F40T

SLX Range

CEILINGS USING SLX-F1.5R, SLX-F40R OR SLX-F40T INTO PLYWOOD SUBSTRATE
PANEL SIZE: 2 X 2FT / 600 X 600MM

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



- VARIATIONS**
- The clip layout is designed around the T Bar centers layout. Standard centers 24"/ 600mm.
 - Place clips between 50 and 100mm / 2" and 4" from vertical edge of the panels.

- TIPS**
- For light weight panels or very thin panels, more clips might be advised to avoid wavy edges.

- PANEL WEIGHT LIMITS**
- The maximum panel density for this application is 30kg per m² or 6lbs per square foot.
 - Male clip SLX-M10 can only be applied to panel weighting a maximum 10kg per square meter or 2lb per square foot. Anything over this should be mounted with the SLX-M18 or SLX-M25 male clips.

Model	Max weight per square meter: Ceilings
SLX-M10	10kg/m ² (2lb/ft ²)
SLX-M18	25kg/m ² (5lb/ft ²)
SLX-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 2 x 2ft area	Per square feet
SLX-F1.5R	US drywall / plywood female clip	4 units	1 units/ft ²
OR SLX-F40R / SLX-F40T	EU plasterboard / plywood female clip	4 units	1 units/ft ²
SLX-M10, M18, M18FR or M25*	Universal male clips	4 units	1 units/ft ²

Metric system

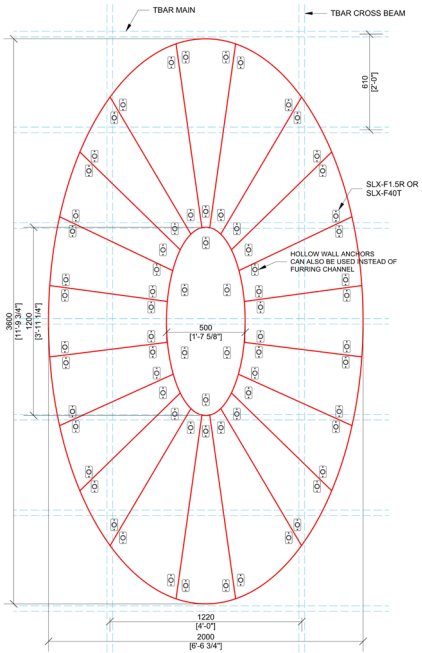
Product code	Description	Per 0.6 x 0.6m area	Per square meter
SLX-F1.5R	US drywall / plywood female clip	4 units	11.11 units/m ²
OR SLX-F40R / SLX-F40T	EU plasterboard / plywood female clip	4 units	11.11 units/m ²
SLX-M10, M18, M18FR or M25*	Universal male clips	4 units	11.11 units/m ²

*SLX-M25 can only be used with SLX-F40T

SLX Range

CEILINGS USING SLX-F1.5R, SLX-F40R AND SLX-F40T INTO PLYWOOD SUBSTRATE
PANEL SIZE: COMPLEX SHAPES

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



- VARIATIONS**
- The clip layout is designed around the T Bar centers layout. Standard centers 24"/ 600mm.
 - Place clips between 50 and 100mm / 2" and 4" from vertical edge of the panels.

- TIPS**
- For light weight panels or very thin panels, more clips might be advised to avoid wavy edges.

- PANEL WEIGHT LIMITS**
- The maximum panel density for this application is 30kg per m² or 6lbs per square foot.
 - Male clip SLX-M10 can only be applied to panel weighting a maximum 10kg per square meter or 2lb per square foot. Anything over this should be mounted with the SLX-M18 or SLX-M25 male clips.

Model	Max weight per square meter: Ceilings
SLX-M10	10kg/m ² (2lb/ft ²)
SLX-M18	25kg/m ² (5lb/ft ²)
SLX-M18-FR	25kg/m ² (5lb/ft ²)

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Complex area	Per square feet
SLX-F1.5R	US drywall / plywood female clip	72 units	0.35 units/ft ²
OR SLX-F40R / SLX-F40T	EU plasterboard / plywood female clip	72 units	0.35 units/ft ²
SLX-M10, M18, M18FR or M25*	Universal male clips	72 units	0.35 units/ft ²

Metric system

Product code	Description	Complex area	Per square meter
SLX-F1.5R	US drywall / plywood female clip	72 units	12.7 units/m ²
OR SLX-F40R / SLX-F40T	EU plasterboard / plywood female clip	72 units	12.7 units/m ²
SLX-M10, M18, M18FR or M25*	Universal male clips	72 units	12.7 units/m ²

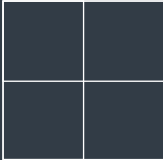
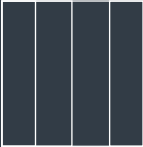
*SLX-M25 can only be used with SLX-F40T

VL PET Range (PET PANELS)

WALLS

This document describes the layout of clips for standard panels sizes in walls, listed below. For ceilings, please consult the Clip Layout guide for ceiling panels.

For custom panels and/or custom application please contact the Fastmount team or Fastmount distributors for technical support.

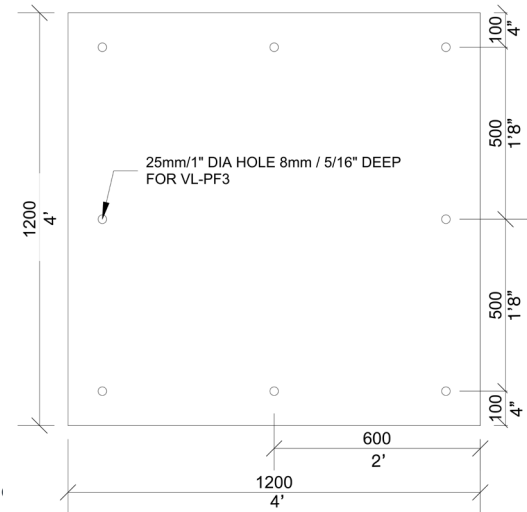
		
	4 x 4ft panels (1200 x 1200mm)	4 x 8ft panels (1200 x 2440mm)
VL-PF3 onto PET panels	Page 2	Page 3

VL PET Range

WALLS USING VL-PF3 AND VL-M3

PANEL SIZE: 1200 X 1200MM / 4 X 4FT

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



- VARIATIONS**
- The clip layout is designed around standard panel sizes. Variable panel sizes to follow clip layout as close as possible.
- PANEL WEIGHT LIMITS**
- The maximum panel weight for this application is 6kg per m2 or 1.2lb per square foot.

Imperial system

Product code	Description	Per 4 x 4ft area	Per square feet
VL-PF3	PET female clip	8 units	0.5 units/ft²
VL-M3	Very low profile male clip	8 units	0.5 units/ft²

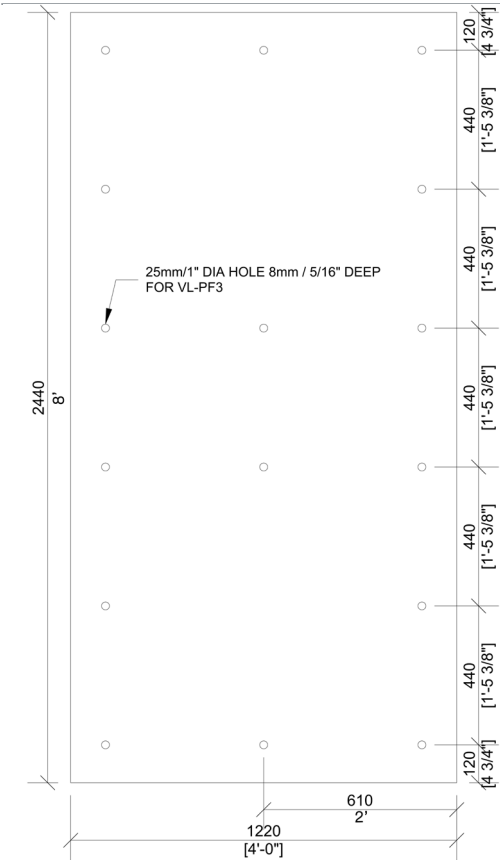
Metric system

Product code	Description	Per 1.2 x 1.2m area	Per square metre
VL-PF3	PET female clip	8 units	5.6 units/m²
VL-M3	Very low profile male clip	8 units	5.6 units/m²

VL PET Range

WALLS USING VL-PF3 AND VL-M3
PANEL SIZE: 1200 X 2440MM / 4 X 8FT

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



- VARIATIONS**
- The clip layout is designed around standard panel sizes. Variable panel sizes to follow clip layout as close as possible.
- PANEL WEIGHT LIMITS**
- The maximum panel weight for this application is 6kg per m2 or 1.2lb per square foot.

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 7.7ft area	Per square feet
VL-PF3	PET female clip	16 units	0.5 units/ft²
VL-M3	Very low profile male clip	16 units	0.5 units/ft²

Metric system

Product code	Description	Per 1.2 x 2.35m area	Per square metre
VL-PF3	PET female clip	16 units	5.6 units/m²
VL-M3	Very low profile male clip	16 units	5.6 units/m²

CLIP LAYOUT GUIDE



VL PET Range (PET PANELS)

CEILING

This document describes the layout of clips for standard panels sizes in ceilings, listed below. For walls, please consult the Clip Layout guide for wall panels.

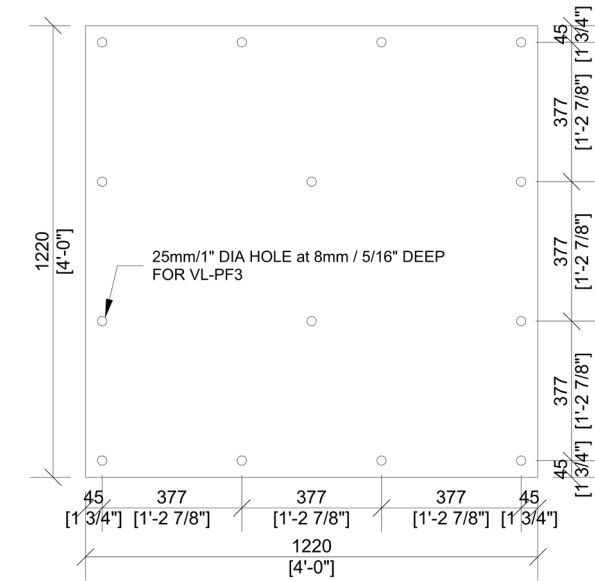
For custom panels and/or custom application please contact the Fastmount team or Fastmount distributors for technical support.

	<p>4 x 4ft panels (1220 x 1220mm)</p>	<p>4 x 8ft panels (1220 x 2440mm)</p>
VL-PF3 onto PET panels	Page 2	Page 3

VL-PF3 (PET PANELS)

CEILING USING VL-PF3 AND VL-M3
PANEL SIZE: 1220 X 1220MM X 12MM / 4 X 4FT X 1/2"

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



- VARIATIONS**
- The clip layout is designed around standard panel sizes. Variable panel sizes to follow clip layout as close as possible.
- PANEL WEIGHT LIMITS**
- The maximum panel weight for this application is 6kg per m2 or 1.2lb per square foot.

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 4 x 4ft area	Per square feet
VL-PF3	PET female clip	14 units	0.9 units/ft ²
VL-M3	Very low profile male clip	14 units	0.9 units/ft ²

Metric system

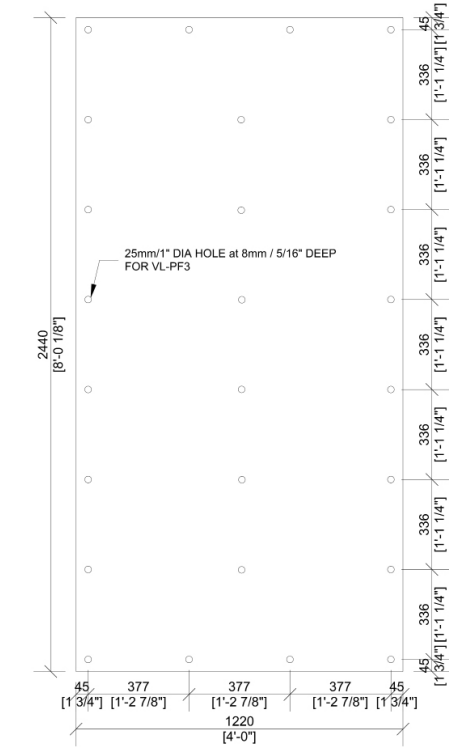
Product code	Description	Per 1.2 x 1.2m area	Per square metre
VL-PF3	PET female clip	14 units	9.7 units/m ²
VL-M3	Very low profile male clip	14 units	9.7 units/m ²

For panels with good rigidity or thicker, the quantity of clips not on the edge of the panels can potentially be reduced. The installer should assess the required quantities to make sure the panels remain flat after installation. In case of doubt please contact Fastmount team or Fastmount distributors for technical support.

VL-PF3 (PET PANELS)

CEILING USING VL-PF3 AND VL-M3
PANEL SIZE: 1220 X 2440MM X 12MM / 8 X 4FT X 1/2"

This document describes the layout of clips for standard panels of the specified size. For custom panels and or custom application please contact Fastmount team or Fastmount distributors for technical support.



- VARIATIONS**
- The clip layout is designed around standard panel sizes. Variable panel sizes to follow clip layout as close as possible.
- PANEL WEIGHT LIMITS**
- The maximum panel weight for this application is 6kg per m2 or 1.2lb per square foot.

QUANTITIES PER SPECIFIED PANEL SIZE

Imperial system

Product code	Description	Per 8 x 4ft area	Per square feet
VL-PF3	PET female clip	26 units	0.8 units/ft ²
VL-M3	Very low profile male clip	26 units	0.8 units/ft ²

Metric system

Product code	Description	Per 2.4 x 1.2m area	Per square metre
VL-PF3	PET female clip	26 units	9 units/m ²
VL-M3	Very low profile male clip	26 units	9 units/m ²

For panels with good rigidity, the quantity of clips not on the edge of the panels can be reduced.

FREQUENTLY ASKED QUESTIONS

Q. Can I use the Fastmount™ system on prefinished panels or painted panels?

Yes. Install with the correct centre points and drill bits for the clip range you are using. These will allow you to align the clips in the panels with the clips in the substrate. See our install videos at www.fastmount.com to see this technique in action.

Q. Is the self tapping clip suitable for hardwood?

It is very variable depending on the hardwood selected, and even on the particular batch of hardwood. Some customers successfully friction fix into an 11mm hole rather than a 10mm hole with the addition of some adhesive in the hole.

Q. Can I mount Fastmount clips into other materials such as fibreglass?

Yes. With the PC-F1A, you will need to use the CT-15 Thread Tap to create a thread in the hole. A small countersink to the entrance edge of the hole will help the clip screw in neatly.

Q. Can self tapping standard and low profile clips be screwed into hardwoods and high pressure laminates e.g. MDF and fibreglass?

The following three options are recommendations only, as panel and substrate density can vary considerably. NB: A test panel should be mounted prior to large scale use.

Option 1: For MDF type panels or substrates, and medium to high density plywood

Once the hole has been drilled for the clip in question, countersink the entrance to the hole to a depth of 1.5mm max. Then, using a battery drill and the correct install tool, screw the clip into the hole while exerting a lot of pressure onto the battery drill.

Option 2: For very dense hardwood panels and substrates

For the male clips, LP-M8A substitute the 10mm hole size with a 10.5-11mm hole. Apply some epoxy glue to the threads of the clip and using a battery drill with the correct install tool (CT-10) screw the clip into the hole, while exerting pressure onto the battery drill.

The drill size will vary depending on density of panel, so you will need to test a sample piece to ascertain the correct drill size for your project.

Option 3: For very dense hardwoods

Use a surface mount male clip. Match this clip with the female clip mounted in the frame or substrate.

Alternatively, use the MC-05 metal clip system. The metal construction means it will screw into most hard materials including solid fibreglass.

Q. Can I use fewer clips if the panel weighs less than the combined pull out load of the clips on my panel?

No. It is important to view the TD Clip Layout Guides, which are designed to allow for even distribution of the clips, so that the panel is held securely and evenly to ensure a flawless appearance. In calculating the TD Clip Layout Guides, we do our best to include factors like possible seismic g-forces, impact, flexing and thermal expansion.

Placing your clips excessively wide, such as 600mm apart, or using too few clips may contribute to the panel sagging slightly between the clips, depending on the panel stiffness. See the TD Clip Layout Guides on previous pages which show correct clip spacing for the various panel types.

Q. How much space is required between Fastmount clip sets?

Refer to the TD Clip Layout Guides for recommended clip set spacing for removable ceiling and wall panels and for large, heavy or small, light-weight panels.

For clip set spacing recommendations for other applications please email technical@fastmount.com.

Q. Will panels sag over time?

No, not if the clips are installed with the proper spacing. Placing your clips excessively wide, around the perimeter of a 6-12mm thick ceiling panel, over 400mm apart, or using too few clips may contribute to the panel sagging slightly between the clips, depending on your panel stiffness.

See the TD Clip Layout Guides on previous pages which show correct clip spacing for the various panel types.

Q. Why are the panels not fitting correctly?

Check the clip alignment. If the panels are fabric covered, check that allowance has been made for the correct thickness of the fabric on the edge of the panels, and check that the 10mm drill hole is square to face.

Q. Why do clips occasionally break?

As male clips can be broken due to mishandling, please ensure male clips are not installed until the final fit. We recommend that you regularly monitor the diameter of the female hole drilled out by the CT-07. If it is less than 16.8mm, undue tension will be applied to the female part of clip when screwed into place. This puts pressure on the male part of clip which may cause occasional breakages. NB: do not use standard 16mm drill bits as these will cause breakages.

Q. If the front face of the panel is veneered and/or painted, should the other side of the panel with Fastmount clips fitted have the same?

Yes, panels must be balanced. If a panel is not painted, sealed or veneered equally on both faces, the panel is considered unbalanced and is likely to distort, cup or twist, exerting tremendous pressure on the mounting system. This can lead to the centre of large panels 'popping' off as the clips struggle to withstand this cupping or warping pressure. Sealing or veneering both sides so that the panel is structurally stable is simply good practice. Fastmount can provide advice but is not responsible for the unclipping of clips due to distorted panels.

Q. Does the Fastmount panel mounting system have a warranty?

Yes, the Fastmount panel mounting system has a comprehensive 2 year warranty. View our warranty online.

MAINTENANCE GUIDE

Maintenance of panels mounted with Fastmount clip systems

Fastmount clips have been designed to be removed and refitted easily. The clips are hidden when in place and require no special maintenance. The system allows for easy access to maintain wiring, electronics and plumbing in the substrate, as well as access to storage behind the panels.

To remove panels

Use cotton gloves when handling panels.

Covered panels should be removed using the CT-05 panel removal tool introduced at the corner edge of the panel and then pulling the panel gently away from the support frame, slowly disengaging each line of clips.

Painted or prefinished panels should be removed using two of the CT-17 glass suckers or the CT-05H heavy duty removal tool using the attached hook.

NOTE: if the panels are very long, wide or heavy always ensure that 2 people handle the panel for safety and to minimize extreme pressure on the clips.

Clip breakage

If the panel male clip breaks (typically due to extreme oblique pressure, extreme g-forces, or rough handling) the clip can be replaced easily and quickly with the CT-06 Service Kit which contains installation tools, CT-05 panel removal tool and a number of replacement clips.

To refit panels

Use cotton gloves when handling panels. Present the panel up to the original panel space and firmly push panels into place ensuring all clips are engaged. Use a firm pressure, do not hit the panel hard with your hand to engage clips – this can cause damage to the panels and the clips.

Tool maintenance

Periodically coat the drill bits in tooling oil (not supplied).

For further information please refer to the Fastmount Installation Guides.

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For more information about our products, use cases and technical documents, please visit our website.

Find out more at fastmount.com



FASTMOUNT

PANEL MOUNTING SOLUTIONS

Our mission is to enable the creation of beautiful, elegant and functional design finishes for panels and furniture by simplifying the processes of installation, usage and removal of surfaces.

Fastmount panel mounting solutions ensure a perfect alignment and flawless finish, every time.

20 years experience, 130 million clips sold, global distribution network in 50 countries.

Visit fastmount.com to see new products, download CAD files or find your nearest distributor.



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