

Setting the standard  
for panel mounting.

Designed for removable panels,  
the award winning Fastmount® hidden  
mounting system delivers a flawless  
finish with perfect alignment every time.



MARINE



ARCHITECTURE



AVIATION



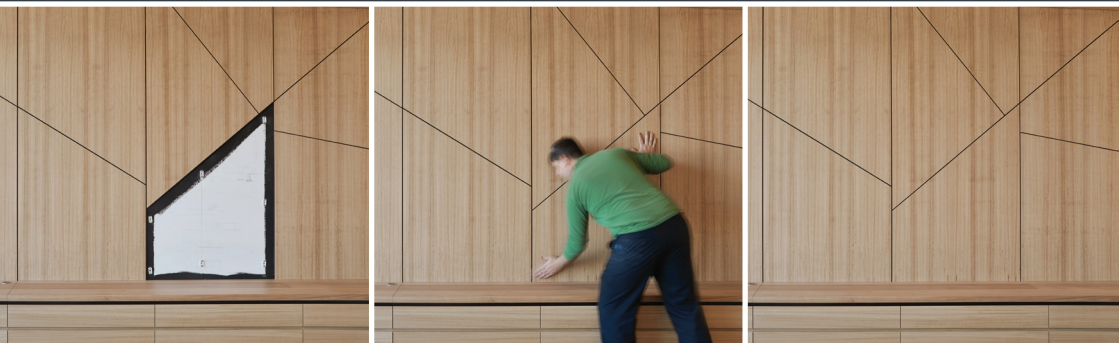
RV



PRODUCT CATALOGUE  
TECHNICAL GUIDE **2019**



# Perfect panel mounting. Every time.



The secret to Fastmount is the unique set of design registered interchangeable clips ideal for secure fastening. With Fastmount, interior panels can be easily removed and refitted in any sequence, time after time.

Fastmount is designed to perform on sea, land and in the air. Applications of use are only limited by your imagination and common sense.

## BENEFITS

- No visible fixings
- Eliminates panel damage – install panels during final build stages
- Variety of mounting options – self tapping, glue and screw fix
- Allows for panel flex and expansion
- Provides cavities for services and enhanced acoustics
- Shorter downtime for clients during refit

## APPLICATIONS

- Ceilings, walls, feature panels, furniture and upholstery
- Access, inspection and ventilation panels
- Interior and selected exterior applications
- Upholstered, painted, prefinished, composite and acoustic panels
- Mounts into a wide variety of substrates e.g. GRP, composite, honeycomb, aluminium
- New build, refit and upgrades



MARINE



ARCHITECTURE



AVIATION



RV

## TRY FASTMOUNT

Contact your local distributor or request a trial kit online.





# A solution for every panel.

Combining speed, versatility and accuracy, the Fastmount system enables designers, installers and contractors to re-think the panelling process.

Whether you're mounting wall or ceiling panels to wooden framework or aluminium extrusions, need a heavy-duty clip or a solution to fix your upholstery, Fastmount has a hidden mounting system to suit your needs.

## STANDARD PC RANGE

Please note, some products are not to scale



**PC-M1B**  
Self  
tapping  
male



**PC-VM1**  
Vario self  
tapping  
male



**PC-SM2**  
Surface  
mount  
male



**PC-SM1AC**  
Surface  
mount  
male - acoustic



**PC-F1A**  
Self  
tapping  
female



**PC-DC1**  
Anchor  
female



**PC-SF1**  
Surface  
mount  
female



**PC-M2H**  
Self tapping  
male -  
heavy duty  
10kg



**PC-VMX**  
Vario self  
tapping male  
- extra heavy  
duty 15kg



**PC-SM2H**  
Surface  
mount  
male - heavy  
duty 10kg



**PC-RF1**  
Side  
mount  
female



**PC-AF1**  
Auto fit  
female

## LOW PROFILE LP RANGE



**LP-M8A**  
Self tapping  
male



**LP-SM8AS**  
Surface mount  
male



**LP-SMX**  
Screw fix  
extra  
heavy duty  
15kg



**LP-F8**  
Self tapping  
female



**LP-DF8**  
Self tapping  
coarse thread  
female



**LP-AF8A**  
Auto fit  
female

## VERY LOW PROFILE VL RANGE



**VL-M3**  
Male 5kg



**VL-M3H**  
Male - heavy duty 10kg



**VL-M3FR**  
Male - fire rated 10kg



**VL-F3**  
Female 5kg



**VL-F3H**  
Female - heavy duty 10kg



**VL-F3FR**  
Female - fire rated 10kg

## METAL MC RANGE



**MC-M5**  
Male 5kg



**MC-F10**  
Female -  
heavy  
duty 10kg



**MC-F5**  
Female  
5kg

## STRATLOCK SL RANGE



**SL-F15A**  
Female  
side mount



**SL-SF15A**  
Female side  
mount



**SL-F15B**  
Female  
front  
mount



**SL-M15**  
Male  
15kg

## PANELSAFE PS RANGE RANGE



**PS-150**  
PanelSafe  
self tapping



**PS-150E**  
Easy fit  
self tapping



**PS-S150E**  
Easy fit surface  
mount



**PS-SR225S**  
Seismic  
restraint



**PS-SR225SS**  
Seismic  
restraint

## TEXTILE TC RANGE



**TC-F6**  
Textile  
female



**TC-F6H**  
Textile  
female -  
heavy  
duty 26kg



**TC-M6**  
Textile  
male



**TC-SM6**  
Textile  
surface  
mount  
male





Access all areas.



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# Welcome to Fastmount panel mounting solutions.

• LP-SM8AS + LP-F8



Panel mounting solution:

**LP-SM8AS** - wall panel

**LP-F8** - substrate

**MC-M5** - floor panel

**MC-F5** - substrate





• MC-M5  
+ MC-F5



# STANDARD PC RANGE



Standard profile range of female and male clips, suitable for most panel mounting applications.

The international award winning Fastmount Standard Range is ideal for removable ceiling and wall panels. Designed and made in New Zealand, all clips are interchangeable. This hidden fixing system offers self-tapping and surface mount options for versatile panel mounting on a variety of surfaces. Use Fastmount installation and removal tools to ensure quality installation and performance.



## **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.

See pages 28, 39-46 for more technical details.



## **PC-M2H** STANDARD SELF TAPPING MALE CLIP HEAVY DUTY 10KG

Male self tapping heavy duty clip for thicker panels with increased loading.

Mounts into PC-F1A, PC-SF1, PC-RF1 and PC-AF1. 10kg pull out load per clip. Minimum panel thickness 9mm. Screws into 10mm hole with CT-10.

See pages 29, 39-46 for more technical details.



## **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.

See pages 30, 39-46 for more technical details.



## **PC-VMX** VARIO SELF TAPPING MALE CLIP EXTRA HEAVY DUTY 15KG

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 pull out load. Minimum panel thickness 9mm. Screws into 10mm hole with CT-10.

See pages 30, 39-46 for more technical details.



## **PC-SM2** STANDARD SURFACE MOUNT MALE CLIP

Male surface mount clip with SuperGroove® base for thinner panels.

Mounts into PC-F1A, PC-SF1, PC-RF1 and PC-AF1. 5kg pull out load per clip. Glue fix with Fastmount SuperGroove Adhesive. No special tools required for installation. Incorporates the patented SuperGroove system.

See pages 31, 39-46 for more technical details.



**PC-SM2H STANDARD SURFACE MOUNT MALE CLIP HEAVY DUTY 10KG**

Male surface mount heavy duty clip with SuperGroove base for increased loading.

Mounts into PC-F1A, PC-SF1, PC-RF1 and PC-AF1. 10kg pull out load per clip. Glue fix with Fastmount SuperGroove Adhesive. No special tools required for installation. Incorporates the patented SuperGroove® system.

See pages 32, 39-46 for more technical details.

**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 Fastmount SuperGroove Adhesive or other suitable epoxy glue. No special tools required for installation.

See pages 37-40, 43-46 for more technical details.

**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 and PC-SM1AC. Screws into 16.8mm hole made with CT-07 or CT-13A, or installs into PC-DC1.

See pages 27, 39-40, 45-46 for more technical details.

**PC-DC1 STANDARD FEMALE ANCHOR**

NEW PRODUCT

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.

See pages 36, 39-40 for more technical details.

**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 and PC-SM1AC. Screws onto support frame. No special tools required for installation.

See pages 35, 43-44 for more technical details.

**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. Screw fix to frame. Use CT-18 install jig for ceiling applications.

See pages 33, 41-42 for more technical details.

**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 and PC-SM1AC. Screw fix into predrilled 35mm hole. No special tools required for installation.

See page 34 for more technical details.





STANDARD RANGE FASTMOUNT TOOLS

CP-01ST



CT-01



CT-09



CT-07



CT-13A



CT-15



CT-03



CT-10



CT-22



CT-09DG



CT-18DG



CT-08



CT-06S



CT-05



CT-05H



CT-17





The secret behind  
a perfect finish.

• PC-F1A + PC-M1B



Panel mounting solution:

**PC-F1A** - substrate

**PC-M1B** - panel



# LOW PROFILE LP RANGE



Low Profile Range of female and male clips suitable for panel applications that require less depth compared to the Standard Range.

The Low Profile Range offers both self-tapping and surface mount options for mounting removable wall panels, bed heads, thin walled and curved panels onto substrates such as MDF, drywall and foam core.

Use Fastmount installation and removal tools to ensure quality installation and performance. Incorporates the patented SuperGroove® system.



## **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.

See pages 47-50, 54-55 for more technical details.



## **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 Fastmount SuperGroove Adhesive. No special tools required for installation.

See pages 47-49, 51, 53, 55, 56 for more technical details.



## **LP-SMX** LOW PROFILE MALE HEAVY DUTY – 15KG

NEW PRODUCT

Male low profile extra heavy duty surface mount clip for heavy panels.

Mounts into LP-F8 and LP-AF8A. 15kg pull out load per clip. Screw fix with 3 x countersink #6 type screws. No special tools required for installation.

See pages 47, 48, 52, 57 for more technical details.



## **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.

See pages 47, 50-54, 56, 57 for more technical details.



## **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.

See pages 49-51, 55, 56 for more technical details.



## **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 Fastmount SuperGroove Adhesive into predrilled 35mm hole.

See pages 48, 50-52, 56, 57 for more technical details.



## LOW PROFILE RANGE FASTMOUNT TOOLS

CP-08ST



CT-01



CT-09



CT-10



CT-19



CT-20



CT-22



CT-09DG



LP-08Y



CT-05



CT-05H



CT-17





# VERY LOW PROFILE VL RANGE



Very Low Profile Range of female and male clips designed for surface or recessed mounting with the least space between panel and substrate.

The Very Low Profile Range is perfect for mounting removable thin wall panels and facings, requiring less depth than other Fastmount ranges. This hidden fixing system may be screw or glue fixed, with no special tools required for installation.

Designed and manufactured in New Zealand, all clips are interchangeable within the range. Incorporates the patented SuperGroove® system.



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## **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 Fastmount SuperGroove Adhesive. No special tools required for installation.

See pages 59, 61 for more technical details.

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## **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 Fastmount SuperGroove Adhesive fix. No special tools required for installation.

See pages 59, 61 for more technical details.

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## **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. Pozi drive head.

See pages 59, 61 for more technical details.

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#### **VL-M3H** VERY LOW PROFILE MALE CLIP HEAVY DUTY 10KG

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 Fastmount SuperGroove Adhesive. No special tools required for installation.

See pages 59, 61 for more technical details.



#### **VL-F3H** VERY LOW PROFILE FEMALE CLIP HEAVY DUTY 10KG

Female very low profile heavy duty clip for surface or recessed mounting.

Compatible with male clip VL-M3H. 10kg pull out load per clip set. Screw or glue fix with Fastmount SuperGroove Adhesive. No special tools required for installation.

See pages 59, 61 for more technical details.



#### **VL-M3FR** VERY LOW PROFILE MALE CLIP FIRE RATED 10KG

Male very low profile fire rated surface mount clip.

Compatible with female clip VL-F3FR. 10kg 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)

See page 60, 61 for more technical details.



#### **VL-F3FR** VERY LOW PROFILE FEMALE CLIP FIRE RATED 10KG

Female very low profile fire rated clip for surface or recessed mounting.

Compatible with male clip VL-M3FR. 10kg 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)

See page 60, 61 for more technical details.

### **VERY LOW PROFILE RANGE FASTMOUNT TOOLS**

**VL-CP3**



**CT-05**



**CT-05H**



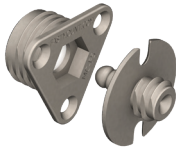
**CT-17**





MC

# METAL RANGE MC RANGE



Metal Range of female and male clips designed specifically for demanding, heavy duty applications requiring fire rating and heavy load bearing. Patent Pending.

The Metal Range is designed to withstand high temperatures while providing acoustic and vibration isolation. The hidden fixing system is available in a 5kg or 10kg pull out load, ideal for fire rated panels.

To ensure quality installation and performance, installation and removal tools are supplied.



### MC-M5 METAL SELF TAPPING MALE CLIP

Male self tapping metal clip suitable for fire rated panels.

Compatible with MC-F5 (5kg pull out load) and MC-F10 (10kg pull out load). Screws into 10mm hole with CT-09. Install with MC-IT5.

See pages 63-66 for more technical details.



### MC-F5 SELF TAPPING FEMALE CLIP 5KG

Female metal clip with white centre to indicate 5kg pull out load.

Compatible with MC-M5. Self taps into 13mm hole with MC-IT5. Screw fit installation with #4 gauge screws.

See pages 63, 65, 66 for more technical details.



### MC-F10 METAL SELF TAPPING FEMALE CLIP HEAVY DUTY 10KG

Female metal clip with black centre to indicate 10kg pull out load.

Compatible with MC-M5. Self taps into 13mm hole with MC-IT5. Screw fit installation with #4 gauge screws.

See pages 64-66 for more technical details.

## METAL RANGE FASTMOUNT TOOLS

MC-CP5



CT-09



MC-IT5



CT-22



CT-05H



CT-17





A modern office interior featuring a large wall covered in horizontal wood slats. To the left, a dark blue wall displays a grid of framed certificates. In the foreground, a white reception desk with a marble-like pattern is visible. The floor is covered in a dark, patterned carpet. A large, circular pendant light hangs from the ceiling on the left. A white rectangular panel is mounted on the wood wall, and a small, dark, rectangular object is mounted on the wall to its right. The ceiling is white with a recessed light fixture and a ventilation grille.

Strength,  
when you need it.

When you have a heavy duty application that requires fire rating plus heavy load bearing, the Fastmount Metal Range is up to the job. Able to hold up to 50kg per m<sup>2</sup>, heavy panels can be mounted accurately and safely.



# STRATLOCK SL RANGE

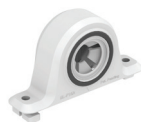
# SL



The Stratlock™ Range provides heavy duty hidden fixings for heavy panels mounted into aluminium or steel extrusion framework.

Patent Pending.

Designed specifically for the contract interior fit out industry, hidden fixings from the Stratlock Range install rapidly into the framework and panel with no special tools, provide lateral adjustment of the panel before locking into place, and boast our highest shear strength and pull out load. Typical applications include heavy wall and ceiling panels in hotels, hospitals, retail and residential.



## **SL-F15A** STRATLOCK FEMALE SIDE MOUNT 15KG

NEW PRODUCT

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. Compatible with SL-M15, 15kg pull out load. No special tools required for installation.

See pages 67, 70-72 for more technical details.



## **SL-SF15A** STRATLOCK SIDE MOUNT FOR TIMBER FRAMEWORK

NEW PRODUCT

Female side mount clip with screw fit installation into timber framework. Recommended for use with timber, steel or aluminium substrates. Compatible with SL-M15 male clip. 15kg pull out load. No special tools required for installation.

See pages 68, 70, 73 for more technical details.



## **SL-F15B** STRATLOCK FEMALE FRONT MOUNT

NEW PRODUCT

Female front mount channel insert with push fit installation. 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-M15, 15kg pull out load.

No special tools or screws required for installation.

See pages 69, 70, 75, 76 for more technical details.



## **SL-M15** STRATLOCK MALE 15KG

NEW PRODUCT

Male clip with two-stage engagement for adjustable panel positioning and locking. Fixes to panel with #8 screw, or surface mount with SuperGroove Adhesive. Mounts into SL-F15A or SL-F15B. 15kg pull out load. No special tools required for installation.

See pages 67-76 for more technical details.

## STRATLOCK RANGE FASTMOUNT TOOLS

### CP-01ST







The accuracy of  
aluminium framework.

The precision  
of Stratlock™.

Panel mounting onto aluminium framework has never been faster or more flexible. The all-new Stratlock system uses a two-stage clip mechanism to provide 360° panel adjustment before locking accurately into position. The result; flexible yet exact alignment with non-sequential panel removal and acoustic isolation.



Patented 360° adjust & lock  
positioning function.



Panel mounting solution:  
**SL-F15A** - aluminium framework  
**SL-M15** - panel



# 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 supplied. Note: custom products have a six week lead time.



## PS-150 PANELSAFE 150MM

Suspends panel on removable stainless steel wire strops. 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 77, 83, 84 for more technical details.



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

Suspends panel on removable stainless steel wire strops. 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 78, 85, 86 for more technical details.



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

Suspends panel on removable stainless steel wire strops. 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 Fastmount SuperGroove® Adhesive to panel.

See pages 79, 85, 86 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 81, 82, 87, 88 for more technical details.

## PANELSAFE RANGE FASTMOUNT TOOLS

CT-07



CT-03



CT-10



CT-22







Peace of mind.  
Guaranteed.

Seismic restraint providing 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.





# TEXTILE TC RANGE

# TC



Textile Range designed for use with textiles and soft furnishings, to ensure fast, precise cushion fixing and rapid removal.

The Textile Range makes cushions simple to install, remove and replace with its unique locking system that ensures secure fastening and rapid removal.

Specifically designed for mounting soft textiles to hard surfaces, the system is ideal for sun loungers, interior and exterior cushions, seat bases and backs.



## TC-F6 TEXTILE CLIP FEMALE

Flexible spring loaded female clip with three-point release system. 10kg break out load.

Easy to stitch onto a variety of textiles and soft furnishings.

See pages 89, 91-95 for more technical details.



## TC-F6H TEXTILE CLIP FEMALE HEAVY DUTY 23KG

Heavy-duty textile clip with quick aligning, secure slide-lock function. Stitches onto upholstery during construction process. 23kg break out load. No removal tool required.

For use with male clips TC-M6 and TC-SM6.

See pages 90-92, 96 for more technical details.

NEW PRODUCT



## TC-M6 TEXTILE CLIP MALE - SCREW FIX

White screw fix male for use with #6 screw. UV resistant. Compatible with TC-F6 and TC-F6H.

See pages 89-91, 94, 95 for more technical details.



## TC-SM6 TEXTILE CLIP SELF ADHESIVE MALE CLIP

Self adhesive, translucent surface mount male with Very High Bond (VHB) tape pre-attached for quick, durable install. UV resistant Compatible with TC-F6 and TC-F6H.

See pages 89, 90, 92, 93, 95, 96 for more technical details.

## TEXTILE RANGE FASTMOUNT TOOLS

### TC-CP6H

Textile range centre point with stainless steel tip to mark hole centre in surface for correct clip alignment.

See install guide page 94.



### TC-R6

Plastic removal tool for releasing multiple TC-F6 female clips.

Note: TC-F6 can be manually released by hand.





Soft furnishings,  
fitted hard and fast.

TC-F6H + TC-M6



Panel mounting solution:

**TC-F6H** - soft textile

**TC-M6** - deck



# FASTMOUNT TOOLS



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



## **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.

See install guides and videos for correct use.



## **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.

See install guides and videos for correct use.



## **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.

See install guides and videos for correct use.



## **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.

See install guides and videos for correct use.



## **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-F6 and TC-F6H.

See install guides and videos for correct use.



## **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. Pozi drive head.

See install guides and videos for correct use.






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**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.

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**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.

See install guides and videos for correct use.

---


**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.

See install guides and video for correct use.

---


**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.

See install guides and video for correct use.

---


**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.

See install guides and video for correct use.

---


**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.

See install guides and video for correct use.

---


**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).

See install guides and video for correct use.

---



# FASTMOUNT TOOLS



## **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.

See install guides and video for correct use.



## **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.

See install guides and videos for correct use.



## **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.

See install guides and video for correct use.



## **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.

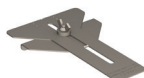
Use when drilling holes for PC-M1B, PC-M2H, PC-VM1, PC-VMX, LP-M8A, LP-F8, LP-DF8.



## **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 upholstered 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.



#### **CG-50G** SUPERGROOVE® ADHESIVE GUN FOR 50ML CARTRIDGE

SuperGroove Adhesive gun for use with CG-5010 SuperGroove Adhesive 50ml cartridge.



#### **CG-5010** SUPERGROOVE® ADHESIVE 50ML

Fastmount SuperGroove Adhesive 50ml twin tube dispenser with self-mixing nozzle for use with Fastmount surface mount clips.

10 minute cure, solvent free, non-toxic, no VOCs, RoHS and REACH compliant, 12 month shelf life. Ideal for large scale installations. Supplied with a self-mixing nozzle for proportional mixing. Additional self-mixing nozzles can be purchased.



# SAMPLE PANELS

Specifically designed to evaluate Fastmount removable panel mounting systems. Trial kits are available for each Fastmount range and typically include tools, product samples, installation and technical information.

For advice on the clip system to best suit your need, please email [info@fastmount.com](mailto:info@fastmount.com) with a brief description of the setting and typical application.



**CD-03**  
A5 SAMPLE  
PANEL  
FOR STANDARD  
RANGE

Demonstrates Standard Profile range: PC-F1A, PC-SF1, PC-M1B, PC-M2H, PC-SM2, PC-VM1, PC-RF1.

Includes CT-05 panel removal tool.



**CD-08**  
A5 SAMPLE  
PANEL  
FOR LOW  
PROFILE RANGE

Demonstrates Low Profile range: LP-F8, LP-M8A, LP-SM8AS and LP-AF8A.



**CD-VL3**  
A5 SAMPLE  
PANEL FOR  
VL RANGE

Demonstrates Very Low Profile range: VL-F3, VL-M3, VL-F3H and VL-M3H.





# TRIAL KITS



## CT-06T STANDARD PROFILE RANGE TRIAL KIT COMPLETE WITH CLIPS AND TOOLS

### Includes:

12 x PC-F1A	4 x PC-SM2H	4 x PC-SF1
12 x PC-M1B	2 x PC-VM1	4 x CP-01ST
4 x PC-M2H	2 x PC-VMX	CT-08
4 x PC-SM2	4 x PC-RF1	

Includes product catalogue with product sheets, technical information and installation guides



## LP-08T LOW PROFILE RANGE TRIAL KIT COMPLETE WITH CLIPS AND TOOLS

### Includes:

12 x LP-F8	4 x LP-SM8AS
4 x LP-DF8	4 x LP-SMX
4 x LP-AF8A	4 x CP-08ST
8 x LP-M8A	LP-08Y

Includes product catalogue with product sheets, technical information and installation guides



## VL-03T VERY LOW PROFILE TRIAL KIT

### Includes:

6 x VL-F3	4 x VL-F3H	10 x VL-SS3
6 x VL-M3	4 x VL-M3H	4 x VL-CP3

Includes product catalogue with product sheets, technical information and installation guides

## TRY FASTMOUNT

Contact your local distributor or request a trial kit online.







Everything you need  
to pull off an incredible  
fit-out.

Whether it's our unique Fastmount tools,  
accessories or product information and support,  
Fastmount will help ensure your finish is perfect.  
Every time.





# Helping to make installation easy.



Hideaway Chair  
- Think+Shift

Fastmount clips can be used on wall panels and ceiling panels, as well as seating, headboards and inspection hatches. Any place where panels are required to be fitted with removable option and invisible fixings.

The following pages show Product Sheets and Installation Guides to assist with technical support.

There are six ranges of Fastmount clips designed for different applications with various pull-out load options. If you need help choosing the right system for your project, our technical team can assist you.

Find your closest authorised distributor on page 112 or send details of your project with panel type, size, weight and substrate to [technical@fastmount.com](mailto:technical@fastmount.com) for further support.

All installation guides are available for download in PDF format at [fastmount.com](http://fastmount.com), where step-by-step installation videos are also available to view.





# STANDARD PC RANGE

## PC-F1A Self Tapping Female

INDUSTRY FIT:    

### SPECIFICATIONS:

### STANDARD RANGE

The self tapping PC-F1A female clip works with all Standard Range male clips. Designed for adhesive fix, heavy duty, high shear strength or variable gap requirements.



**MATERIAL:**  
White acetal  
copolymer

**MORE INFO:**  
Installation Guide PC-F1A, PC-DC1  
Clip Layout Guide TD-02, 09, 12

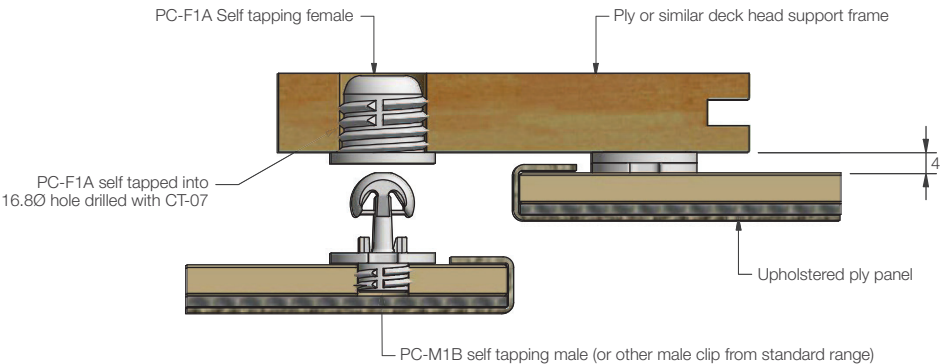
### BENEFITS

- 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, or 15kg pull out load per clip
- 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 and concrete

**INSTALLATION:** Partially exploded through section showing typical installation method





**PC-M1B** Self Tapping Male

INDUSTRY FIT:

**SPECIFICATIONS:****STANDARD PC RANGE**

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 panels.

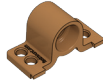
**PC-M1B****USE WITH:**

PC-F1A

PC-RF1

PC-SF1

PC-AF1

**MATERIAL:**

White acetal  
copolymer

**MORE INFO:**

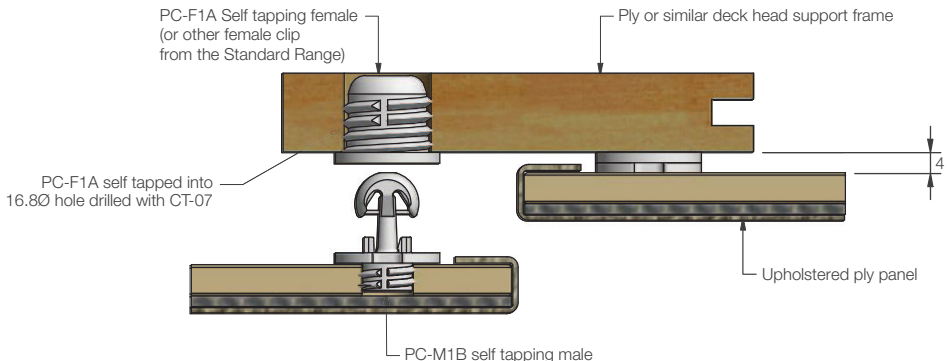
Installation Guide PC-F1A, SF1, RF1  
Clip Layout Guide TD-02, 09, 12

**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 Self Tapping Male - 10kg

INDUSTRY FIT:    

### SPECIFICATIONS:

### STANDARD PC RANGE

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.

**PC-M2H** 10kg



#### USE WITH:

PC-F1A

PC-RF1

PC-SF1

PC-AF1



**MATERIAL:**  
Black acetal  
copolymer

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

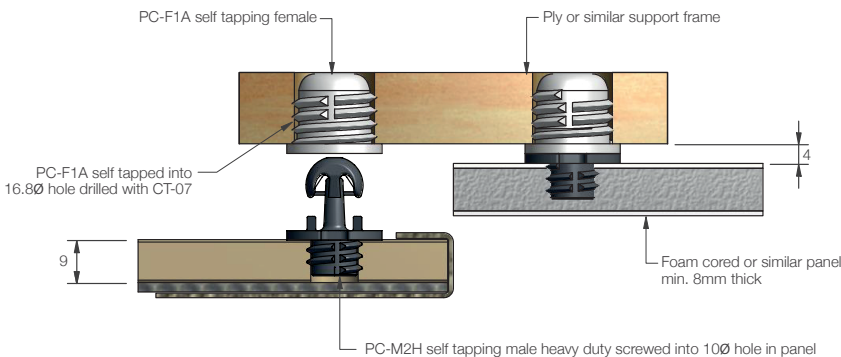
### BENEFITS

- 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





**PC-VM1 & PC-VMX** Vario Clip Self Tapping Male

INDUSTRY FIT:

**SPECIFICATIONS:****STANDARD PC RANGE**

The self-tapping clip PC-VM1 and PC-VMX add to the Standard Range. Designed for variable gap, high shear strength applications. Variable gap measurements are 6.5mm at first engagement, 4mm at second engagement.

**PC-VM1****USE WITH:**

PC-F1A

PC-RF1

PC-SF1

PC-AF1

**PC-VMX** 15kg**MATERIAL:**

Acetal copolymer/Nylon GF

**MORE INFO:**

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

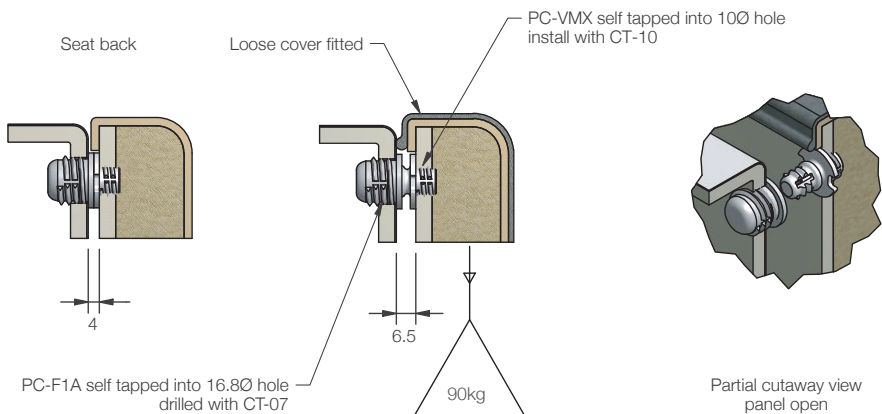
**BENEFITS**

- Variable clipping depth
- High shear load (50kg/clipset)
- Remove and refit panels in any sequence multiple times
- Perfect panel alignment and secure mounting every time
- 5kg or 15kg 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 Surface Mount Male Adhesive Fix

INDUSTRY FIT:    

### SPECIFICATIONS:

### STANDARD PC RANGE

The surface mount male is an extension of the Fastmount system, 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 Fastmount SuperGroove Adhesive on the base for secure mounting.

#### 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

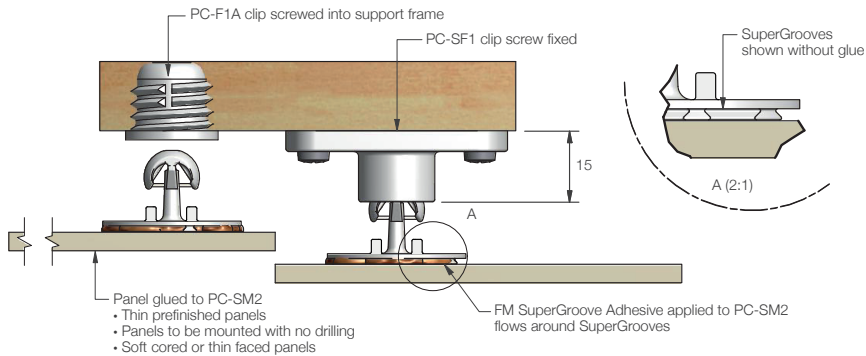
### BENEFITS

- Self-aligning secure mounting (5kg per clip)
- Installation requires no special tools or skilled labour
- Uses Fastmount SuperGroove Adhesive
- 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





**PC-SM2H** Surface Mount Male Adhesive Fix -10kg

INDUSTRY FIT:

**SPECIFICATIONS:****STANDARD PC RANGE**

The surface mount male heavy duty clip is an extension of the Fastmount system, designed for use where installers prefer an adhesive fix, with increased loading. It is ideal for new composite materials. Patented SuperGrooves® mechanically engage into Fastmount SuperGroove Adhesive for secure mounting.

**BENEFITS**

- Self-aligning secure mounting (min.10kg per clip)
- Installation requires no special tools
- Uses Fastmount SuperGroove Adhesive
- 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

**PC-SM2H** 10kg**USE WITH:**

PC-F1A

PC-RF1

PC-SF1

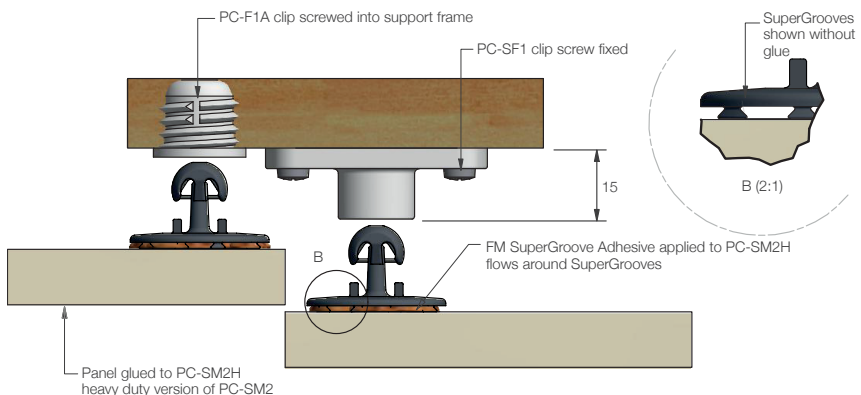
PC-AF1

**MATERIAL:**

Black acetal  
copolymer

**MORE INFO:**

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

**INSTALLATION:** Partially exploded through section showing typical installation method



# STANDARD PC RANGE

## PC-RF1 Side Mount Female Screw Fix

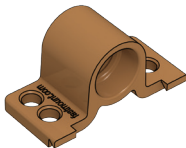
INDUSTRY FIT:    

### SPECIFICATIONS:

### STANDARD PC RANGE

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.

#### PC-RF1



#### USE WITH:

PC-M1B

PC-VM1

PC-SM2



PC-M2H

PC-VMX

PC-SM2H



#### MATERIAL:

Brown acetal copolymer

#### MORE INFO:

Installation Guide PC-RF1  
Clip Layout Guide TD-02, 09, 12

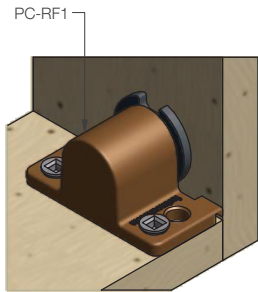
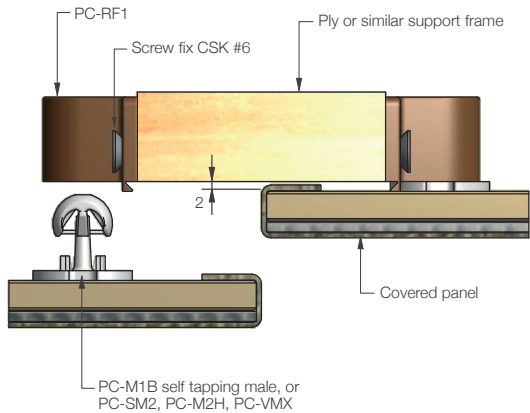
### BENEFITS

- Side mounting
- Installation requires no special tools
- Screw fixed to frame
- Several mounting options
- Works with existing Standard Range Fastmount 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



Corner detail at cabinet or shelf



**PC-AF1** Autofit Female

INDUSTRY FIT:

**SPECIFICATIONS:**

The Fastmount autofit PC-AF1 is ideal for applications that require lateral adjustment, such as curved panels. This versatile screw-fixed clip works with all Standard Range male clip types.

**STANDARD PC RANGE****PC-AF1****USE WITH:**

PC-M1B



PC-VM1



PC-SM2



PC-M2H



PC-VMX



PC-SM2H



PC-SM1AC



**MATERIAL:**  
White acetal  
copolymer

**MORE INFO:**  
Clip Layout Guide - TD-02, 09, 12

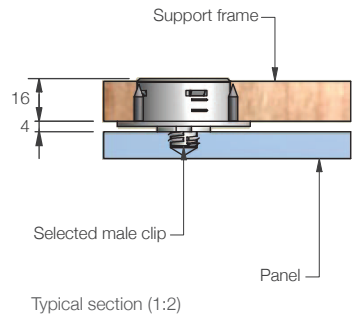
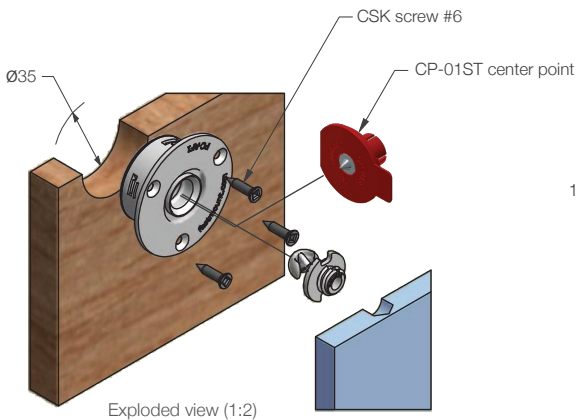
**BENEFITS**

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

**APPLICATIONS**

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

**INSTALLATION:** Partially exploded through section showing typical installation method





# STANDARD PC RANGE

## PC-SF1 Surface Mount Female Screw Fix

INDUSTRY FIT:    

### SPECIFICATIONS:

### STANDARD PC RANGE

The surface mount female is an extension of the Fastmount system specifically for use where a cavity is required or where installers prefer a screw-fixed mounting. Use with clips designed for self tapping, adhesive fix, high shear strength and variable gap requirements.

#### PC-SF1



#### USE WITH:

PC-M1B



PC-VM1



PC-SM2



PC-M2H



PC-VMX



PC-SM2H



PC-SM1AC



#### MATERIAL:

White acetal copolymer

#### MORE INFO:

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

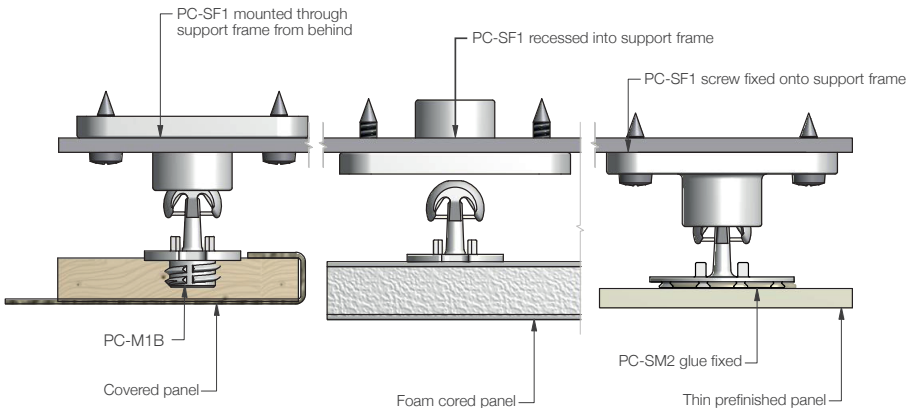
### BENEFITS

- 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

### INSTALLATION: Partially exploded through section showing typical installation method





**PC-DC1** Female AnchorINDUSTRY FIT: **SPECIFICATIONS:****STANDARD PC RANGE**

The PC-DC1 is an adjustable female anchor which houses the PC-F1A to enable efficient mounting into drywall and 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.

**PC-DC1**

**PAIRS WITH:**  
PC-F1A



**MATERIAL:**  
White acetal copolymer

**USE WITH:**

PC-M1B



PC-VM1



PC-SM2



PC-M2H



PC-VMX



PC-SM2H



PC-SM1AC

**BENEFITS**

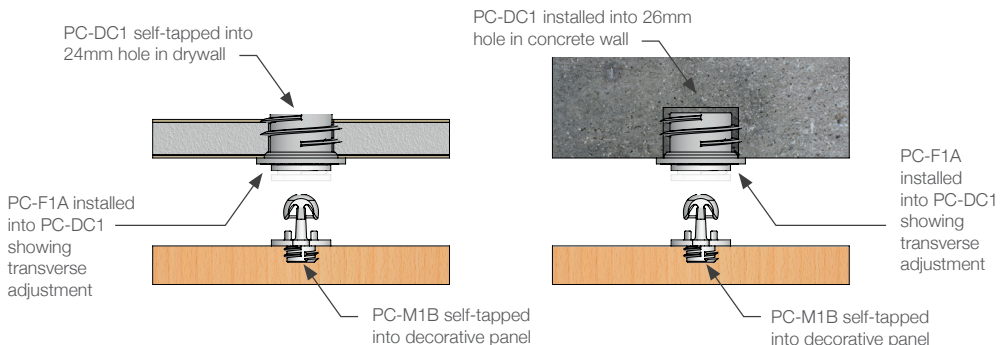
- Quick to install
- No framework required when mounting to concrete walls
- Adjustable gap between wall and panel (4.5mm - 10.5mm) depending on PC-F1A adjustment
- Minimal standoff of 4.5mm between wall and panel
- Transverse adjustment allows ability to level wall quickly
- Allows flexibility of use of 6 male options depending on panel weight and size (2kg - 15kg 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

**MORE INFO:**

Installation Guide PC-DC1  
Clip Layout Guide TD-09

**INSTALLATION:** Partially exploded through section showing typical installation method



# STANDARD PC RANGE

# PC

## PRODUCT SHEET

### PC-SM1AC Acoustic Surface Mount Male Adhesive Fix

INDUSTRY FIT: 

#### SPECIFICATIONS:

#### STANDARD PC RANGE

The acoustic surface mount male is an extension of the Fastmount system, designed for use with acoustic or extremely lightweight panels. The acoustic male clip can be bonded to the panel using Fastmount SuperGroove® Adhesive or in the case of polyester fibre composition acoustic panels, hot melt glue.

#### PC-SM1AC



#### USE WITH:

PC-F1A



PC-SF1



PC-AF1



**MATERIAL:**  
Super flexible  
copolymer

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

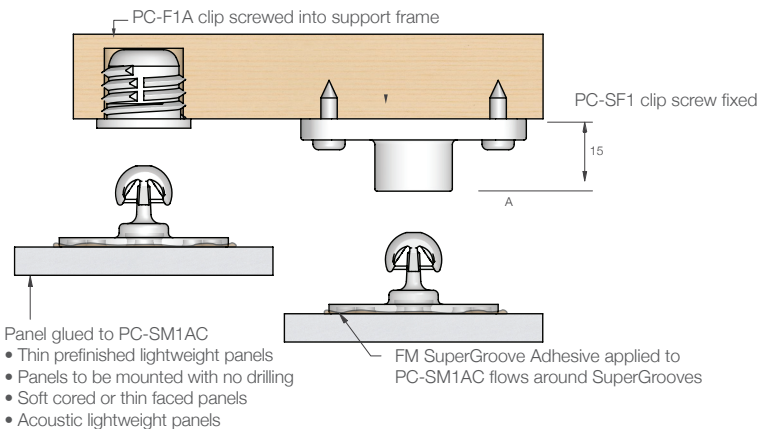
#### BENEFITS

- Self-aligning secure mounting (2kg pull out load)
- Installation requires no special tools
- Uses Fastmount SuperGroove Adhesive 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



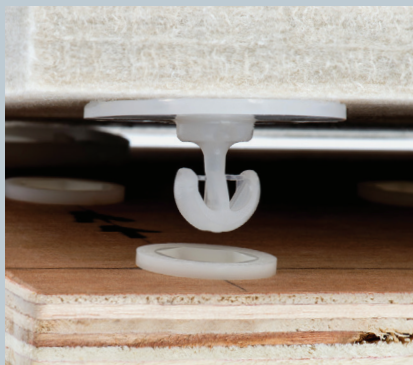


Total control.



## The perfect solution for removable acoustic panels.

The PC-SM1AC is your solution for removable acoustic panels. Typical acoustic panel installation methods can be unreliable, time consuming and have inconsistent results. Strong enough to hold a lightweight panel, but soft enough to remove the panel without kinking the material, using the flexible PC-SM1AC ensures that neither your panel nor wall is damaged upon removal.




Panel mounting solution:  
**PC-SM1AC** - acoustic panel  
**PC-F1A** - substrate














# STANDARD PC RANGE

## PC-F1A Self Tapping Female

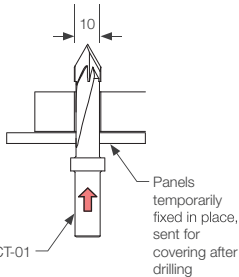
**PC-F1A**



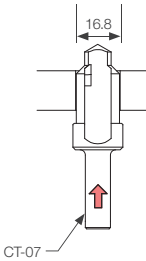
USE WITH:				INSTALL WITH:			
PC-M1B	PC-VM1	PC-SM2		CT-01	CT-07	CT-03	CT-10
							
PC-M2H	PC-VMX	PC-SM2H	PC-SM1AC				
							

### INSTALLATION STEPS FOR UPHOLSTERED PANELS

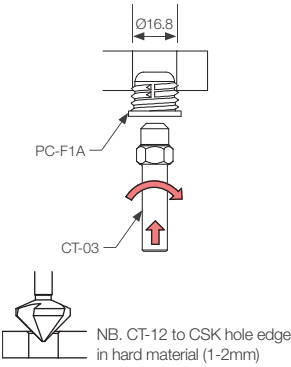
**1** Drill hole through panel and frame



**2** Drill out frame hole with CT-07

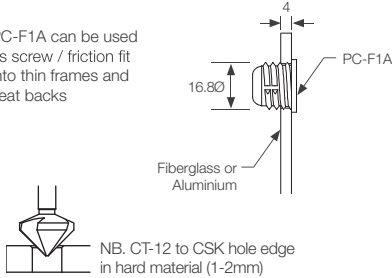


**3** Screw fit PC-F1A with CT-03. Use battery drill with clutch set.

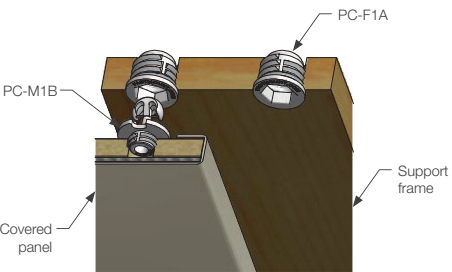


**4** Screw fit PC-F1A into thin frame

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




**5** Cutaway view showing panel mounting



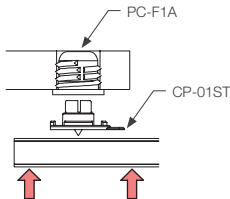


**PC-F1A** Self Tapping Female

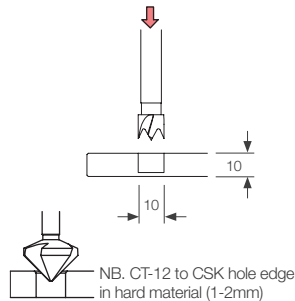
PC-F1A	USE WITH:	INSTALL WITH:
	<div> <div>PC-M1B</div> <div>PC-VM1</div> <div>PC-SM2</div> </div> <div> <div>PC-M2H</div> <div>PC-VMX</div> <div>PC-SM2H</div> <div>PC-SM1AC</div> </div>	<div> <div>CP-01ST</div> <div>CT-09</div> <div>CT-07</div> <div>CT-10</div> </div>

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

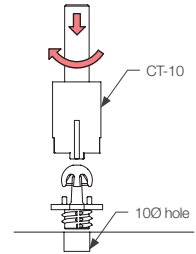
- 1** Fit CP-01ST into PC-F1A then push panel to mark center



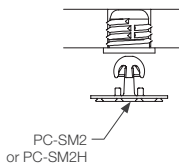
- 2** Drill panel on center mark with CT-09 6mm deep for PC-M1B, 8mm deep for PC-VM1, PC-VMX, PC-M2H



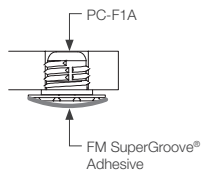
- 3** Screw fit male clip with CT-10. Use battery drill with clutch set.

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

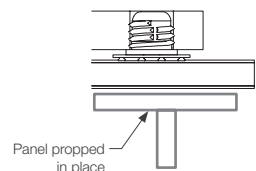
- 4** Clip PC-SM2 into PC-F1A



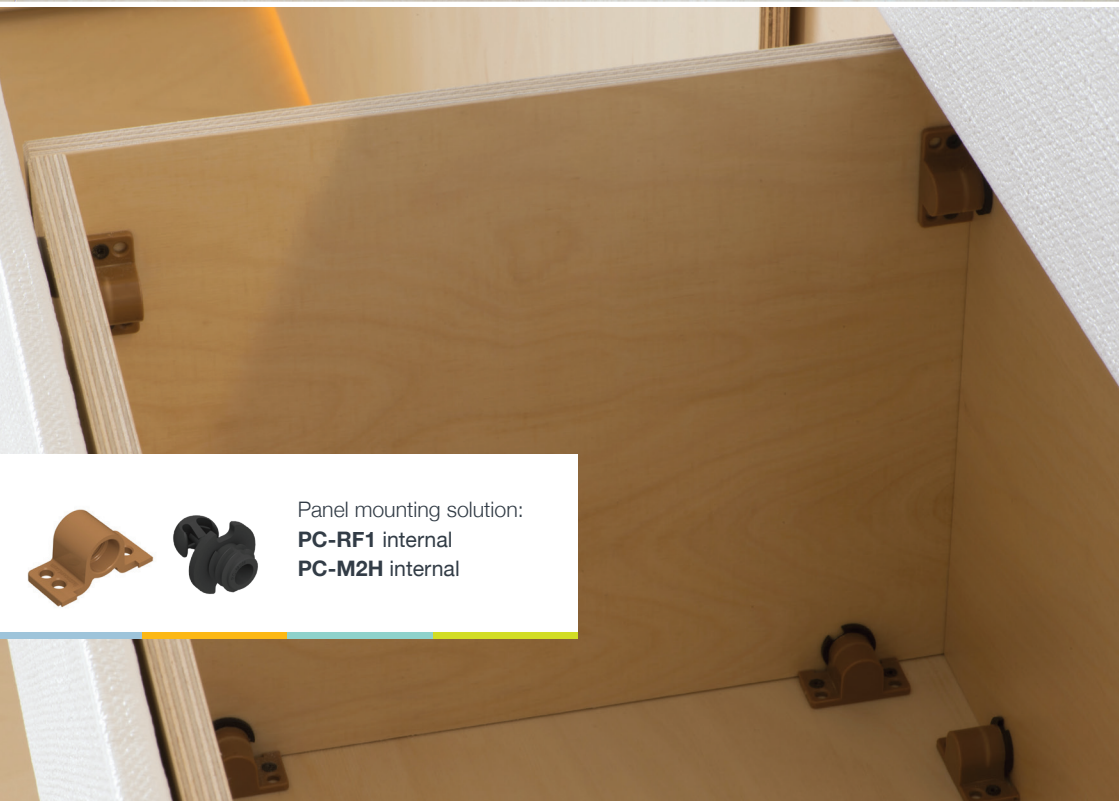
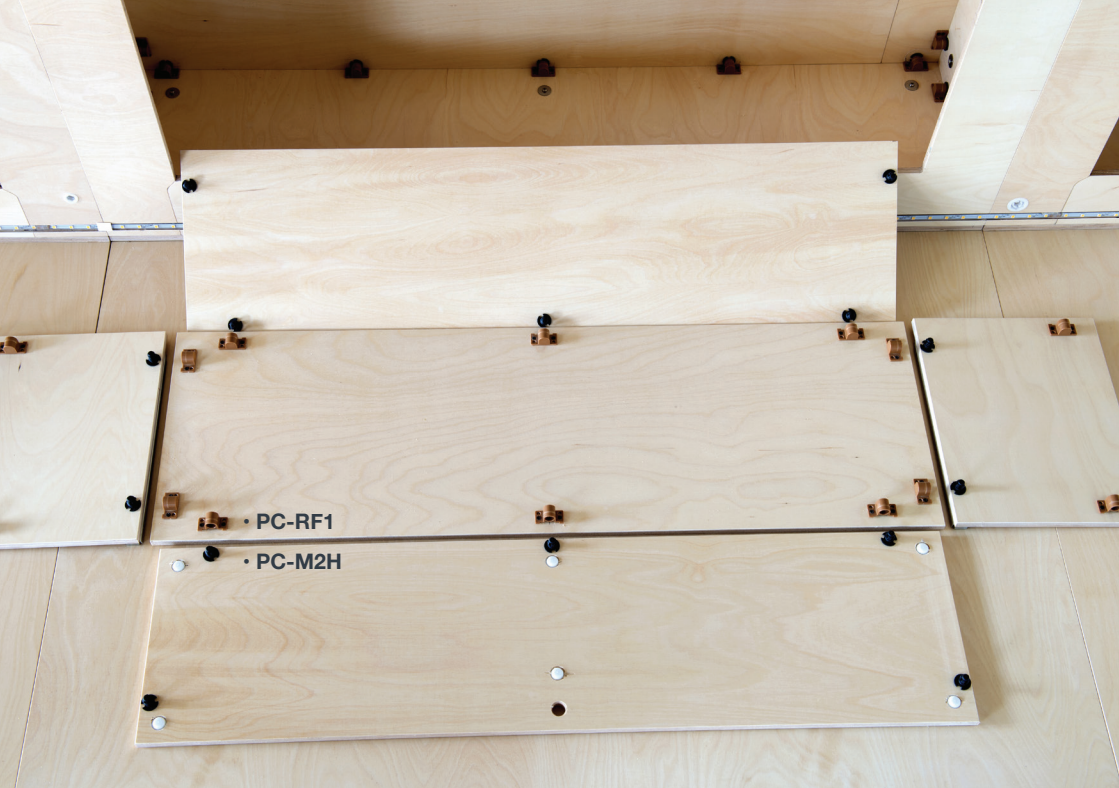
- 5** Apply adhesive to PC-SM2



- 5** Place panel and support while adhesive dries







Panel mounting solution:  
**PC-RF1** internal  
**PC-M2H** internal



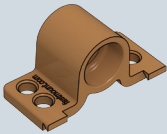
# STANDARD PC RANGE

PC

## INSTALLATION GUIDE

### PC-RF1 Side Mount Female

PC-RF1



#### USE WITH:

PC-M1B



PC-VM1



PC-SM2



PC-M2H



PC-VMX



PC-SM2H



#### INSTALL WITH:

CP-01ST



CT-09



CT-10

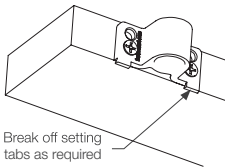


CT-18DG

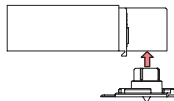


### INSTALLATION STEPS

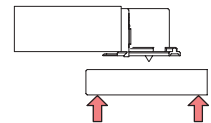
- 1** Screw fit PC-RF1 to side of frame



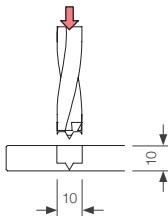
- 2** Fit CP-01ST into PC-RF1



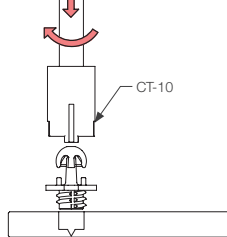
- 3** Press panel onto CP-01ST to mark



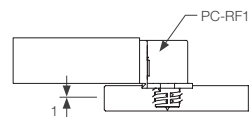
- 4** Drill panel on mark with CT-09



- 5** Screw fit male clip with CT-10

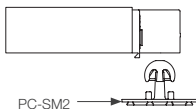


- 6** Panel clipped in place



### OPTION WITH ADHESIVE FIT MALE (COMPLETE STEP ABOVE)

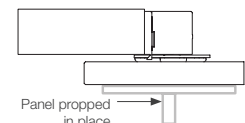
- A** Clip PC-SM2 into PC-RF1



- B** Apply adhesive to PC-SM2



- C** Place panel and support while adhesive dries




MORE INFO: Clip Layout Guide TD-02










# STANDARD PC RANGE

## PC-SF1 Surface Mount Female

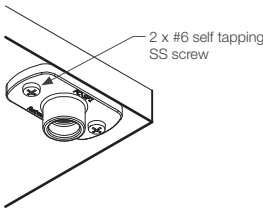


PC-SF1

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

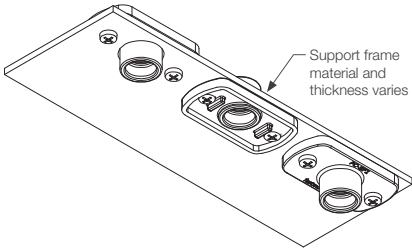
### INSTALLATION STEP OPTIONS

1 Screw fix PC-SF1 to frame



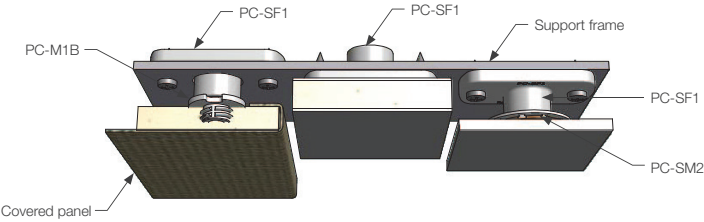
2 x #6 self tapping SS screw

2 Options for mounting PC-SF1 to support frame



Support frame material and thickness varies












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



MORE INFO: Clip Layout Guide TD-02

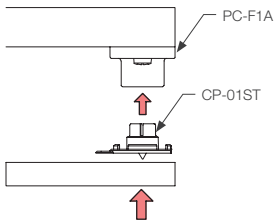


**PC-SF1** Surface Mount Female

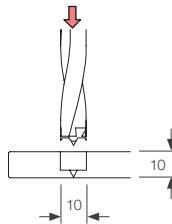
PC-SF1	USE WITH:	INSTALL WITH:
	<div> PC-M1B </div> <div> PC-VM1 </div> <div> PC-SM2 </div>	<div> CP-01ST </div> <div> CT-09 </div> <div> CT-10 </div>
	<div> PC-M2H </div> <div> PC-VMX </div> <div> PC-SM2H </div> <div> PC-SM1AC </div>	

**INSTALLATION STEPS**

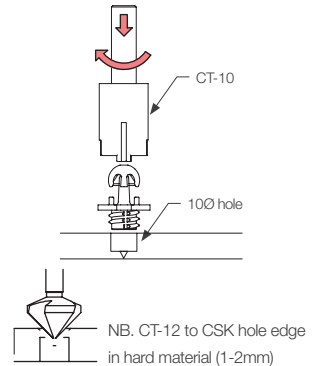
- 1** Fit CP-01ST into PC-SF1 then push panel to mark center



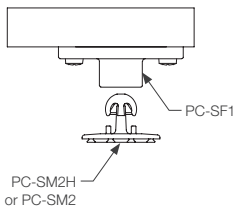
- 2** Drill panel on center mark with CT-09 7.5mm deep



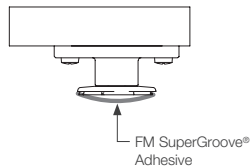
- 3** Screw fit male clip with CT-10. Use battery drill with clutch set.

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

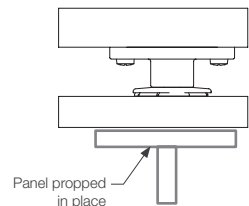
- 4** Clip PC-SM2 into PC-SF1



- 5** Apply adhesive to PC-SM2



- 6** Place panel and support while adhesive dries




MORE INFO: Clip Layout Guide TD-02



# STANDARD PC RANGE

## PC-DC1 Female Anchor - Concrete





PC-DC1



USE WITH:			
PC-F1A	PC-M1B	PC-VM1	PC-SM2
PC-M2H	PC-VMX	PC-SM2H	PC-SM1AC

INSTALL WITH:

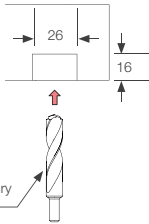
26mm masonry drill  
Rubber hammer

### INSTALLATION STEPS FOR CONCRETE

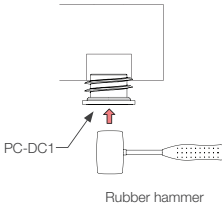
1

Drill 26mm hole,  
16mm deep



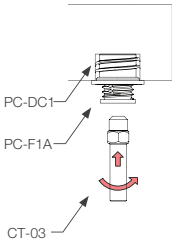
2

Hammer-set flush



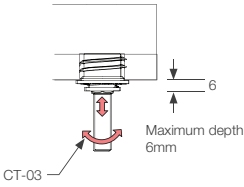
3

Screw PC-F1A into PC-DC1



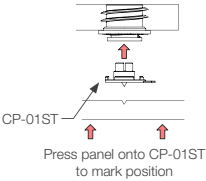
4

Adjust depth to suit



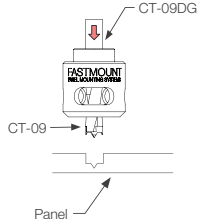
5

Fit CP-01ST into PC-F1A



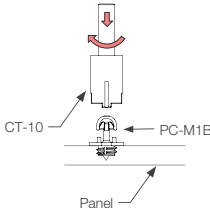
6

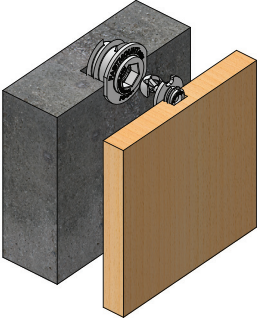
Drill out mark on panel  
with CT-09



7

Screw fit male clip with CT-10


















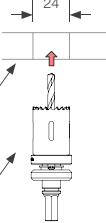
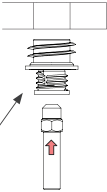
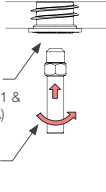
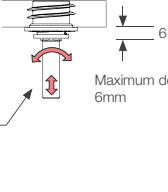
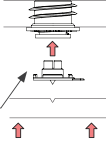
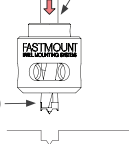
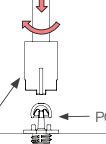
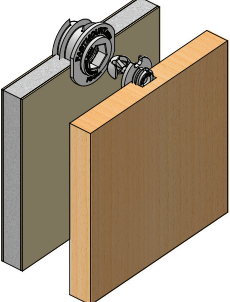
Cross section of PC-DC1, PC-F1A & PC-M1B installed



**PC-DC1** Female Anchor - Drywall

<b>PC-DC1</b>	<b>USE WITH:</b>	<b>INSTALL WITH:</b>
	<div> PC-F1A   PC-M1B   PC-VM1   PC-SM2      </div> <div> PC-M2H   PC-VMX   PC-SM2H   PC-SM1AC      </div>	24mm holesaw   CP-01ST   CT-03   CT-09   CT-09DG    

**INSTALLATION STEPS FOR DRYWALL**

<p><b>1</b> Drill 24mm hole into drywall</p>  <p>Drywall</p> <p>24mm holesaw</p>	<p><b>2</b> Screw PC-F1A into PC-DC1 using CT-03</p>  <p>PC-F1A</p>	<p><b>3</b> Screw set into drywall using low clutch setting and speed</p>  <p>Set (PC-DC1 &amp; PC-F1A)</p> <p>CT-03</p>	<p><b>4</b> Adjust depth to suit</p>  <p>6</p> <p>Maximum depth 6mm</p> <p>CT-03</p>
<p><b>5</b> Fit CP-01ST into PC-F1A</p>  <p>CP-01ST</p> <p>Press panel onto CP-01ST to mark position</p>	<p><b>6</b> Drill out mark on panel with CT-09</p>  <p>CT-09DG</p> <p>CT-09</p> <p>Panel</p>	<p><b>7</b> Screw fit male clip with CT-10</p>  <p>CT-10</p> <p>PC-M1B</p> <p>Panel</p>	 <p>Cross section of PC-DC1, PC-F1A &amp; PC-M1B installed</p>



# LOW PROFILE LP RANGE

## LP-F8 Low Profile Self Tapping Female

INDUSTRY FIT:    

### SPECIFICATIONS:

### LOW PROFILE LP RANGE

Low Profile clip LP-F8 self taps into a variety of substrates and is used with male Low Profile clips, centre point and install tools.

#### LP-F8



#### USE WITH:

LP-M8A

LP-SM8AS



LP-SMX



#### MATERIAL:

White acetal copolymer

#### MORE INFO:

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

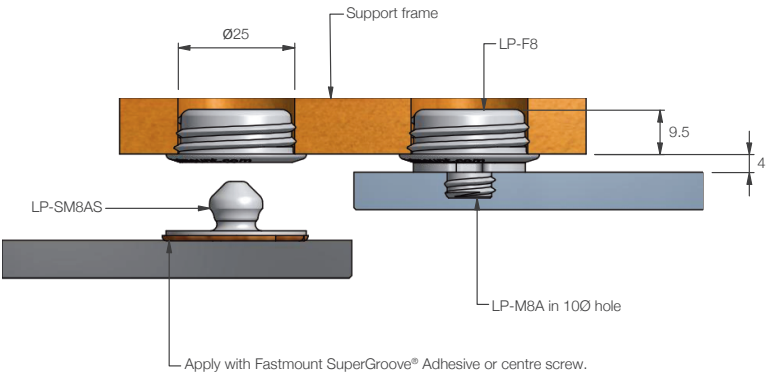
### BENEFITS

- Hidden fixing
- Self taps into plywood from 9mm thick
- Perfect panel alignment and secure mounting every time
- Remove and refit panels in any sequence multiple times
- 5kg or 15kg 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





**LP-AF8A** Low Profile Autofit FemaleINDUSTRY FIT:    **SPECIFICATIONS:****LOW PROFILE LP RANGE**

Low Profile clip LP-AF8A provides 360 degree lateral adjustment, fitting into a 35ø hole. Mounts into a variety of materials and is used with male Low Profile clips.

**LP-AF8A****USE WITH:**

LP-M8A

LP-SM8AS



LP-SMX

**MATERIAL:**

White acetal copolymer

**MORE INFO:**

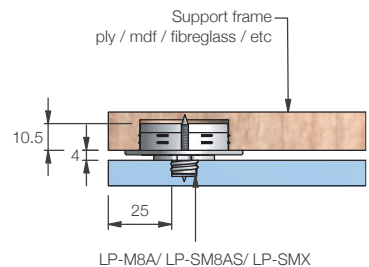
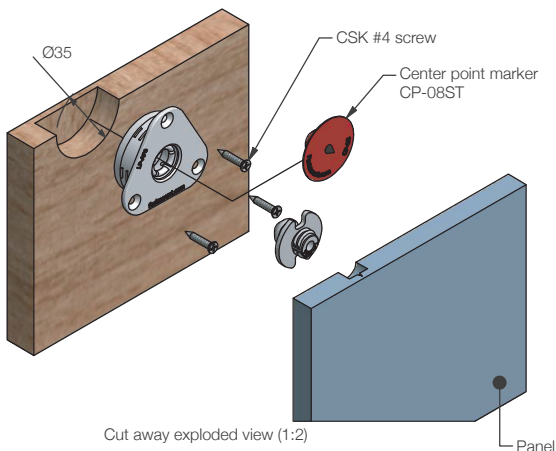
Layout Guide TD-02, TD-08

**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 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



# LOW PROFILE LP RANGE

## LP-DF8 Tapping Coarse Thread Female

INDUSTRY FIT:  

### SPECIFICATIONS:

### LOW PROFILE LP RANGE

Low Profile clip LP-DF8 is designed for soft core material, self taps into plasterboard (drywall) and is used with male Low Profile clips, centre point and install tools.

#### LP-DF8



**MATERIAL:**  
White acetal copolymer

#### USE WITH:

LP-M8A

LP-SM8AS



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

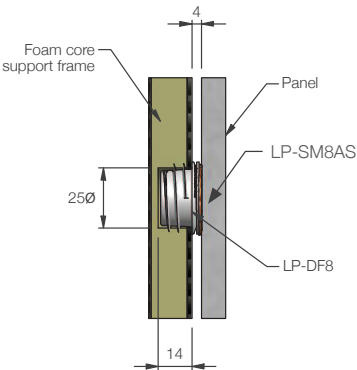
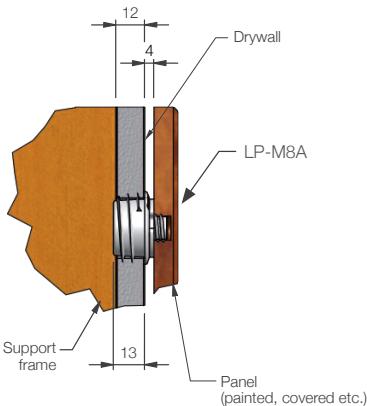
### BENEFITS

- 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





**LP-M8A** Self tapping male

INDUSTRY FIT:

**SPECIFICATIONS:****LOW PROFILE LP RANGE**

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. Pull out and shear load testing available online. at [www.fastmount.com](http://www.fastmount.com)

**LP-M8A****USE WITH:**

LP-F8



LP-DF8



LP-AF8A

**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**

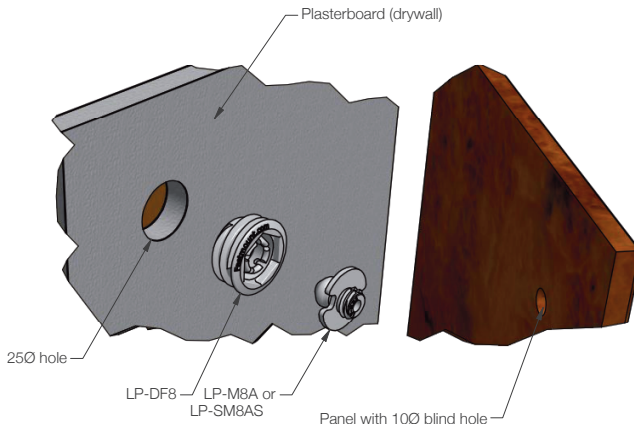
- Wall panels
- Lightweight ceiling panels
- Covered, painted and prefinished panels
- Interior panels
- Bedheads, artwork

**MATERIAL:**

White acetal copolymer

**MORE INFO:**

Layout Guide TD-02, TD-08

**INSTALLATION:** Partially exploded through section showing typical installation method



# LOW PROFILE LP RANGE

## LP-SM8AS Surface mount male adhesive fix

INDUSTRY FIT:    

### SPECIFICATIONS:

### LOW PROFILE LP RANGE

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 Fastmount SuperGroove Adhesive 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. Pull out and shear load testing available at [www.fastmount.com](http://www.fastmount.com)

#### LP-SM8AS



#### USE WITH:

LP-F8



LP-DF8



LP-AF8A



#### MATERIAL:

White acetal copolymer

#### MORE INFO:

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

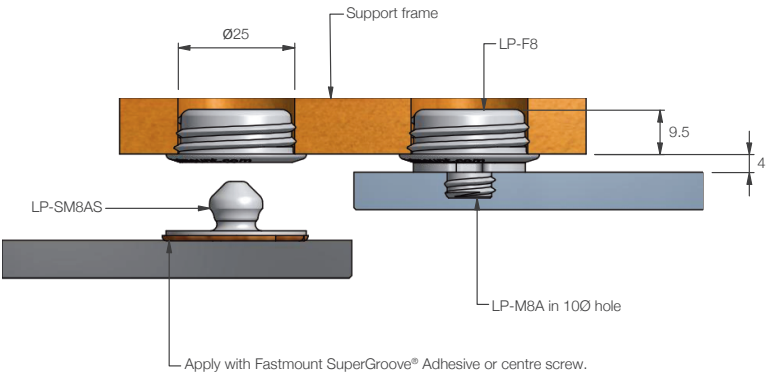
### BENEFITS

- No special tools required for installation
- Adhesive or screw fix
- 5kg pull out load
- 4mm 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





**LP-SMX** Surface Mount Male Screw Fix – 15kg

INDUSTRY FIT:

**SPECIFICATIONS:****LOW PROFILE LP RANGE**

The LP-SMX clip adds an extra heavy-duty option to the Low Profile Range. With a 15kg 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.

**LP-SMX** 15kg**USE WITH:**

LP-F8



LP-AF8A

**MATERIAL:**

Black glass filled nylon

**MORE INFO:**

Layout Guide TD-02, TD-08

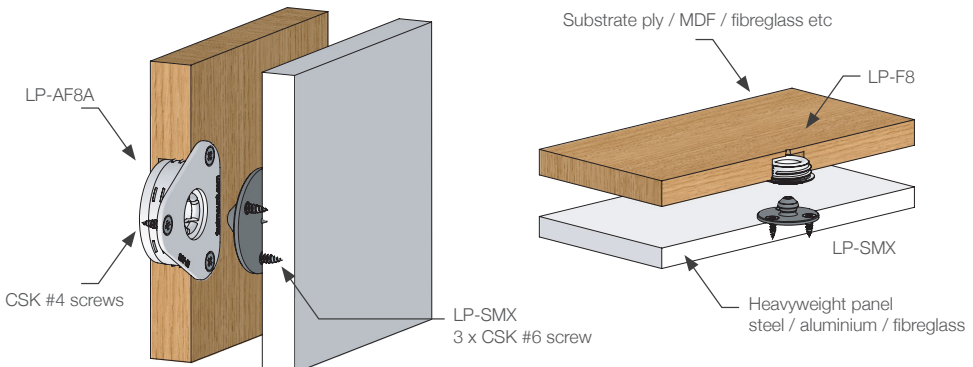
**BENEFITS**

- 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 fiberglass panels





**INSTALLATION:** Partially exploded through section showing typical installation method



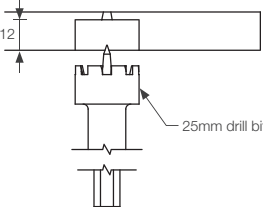
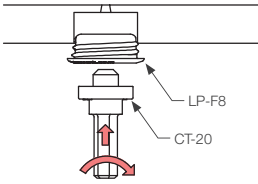
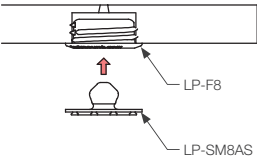
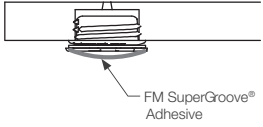
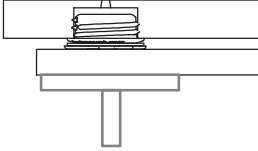


# LOW PROFILE LP RANGE

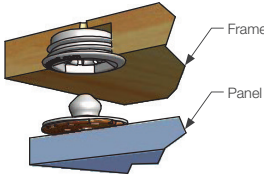
## LP-F8 Low Profile Self Tapping Female

LP-F8	USE WITH:	INSTALL WITH:
	<p>LP-SM8AS</p> 	<p>25Ø drill      CT-19</p>  

**INSTALLATION STEPS** Using LP-SM8AS - adhesive fix option

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

**A** Cutaway view of installed clip (panel removed)



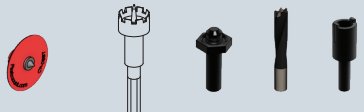


MORE INFO: Clip Layout guide TD-02 & TD-08



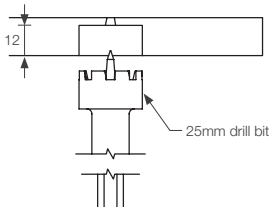
## INSTALLATION GUIDE

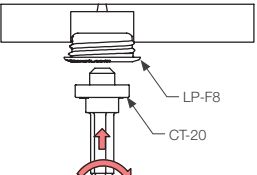
## LP-F8 Low Profile Self Tapping Female

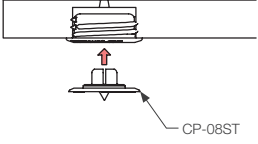
LP-F8	USE WITH:	INSTALL WITH:
	LP-M8A 	CP-08ST    25Ø drill    CT-19    CT-09    CT-10 

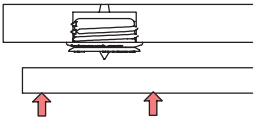
## INSTALLATION STEPS Using LP-M8A - self tapping option

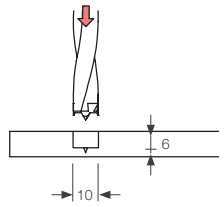
- 1 Drill 25Ø hole in frame

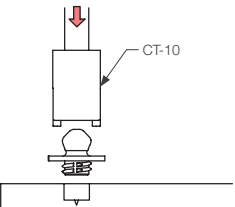

- 2 Screw LP-F8 into frame. Use battery drill with clutch set.


- 3 Fit CP-08ST centre point into LP-F8

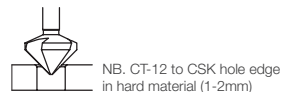
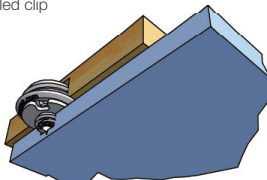

- 4 Press panel onto CP-08ST to mark


- 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



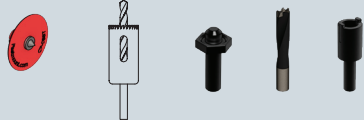


MORE INFO: Clip Layout guide TD-02 &amp; TD-08



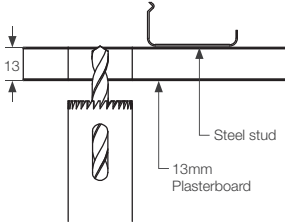
# LOW PROFILE LP RANGE

## LP-DF8 Low Profile Drywall Self Tapping Coarse Thread Female

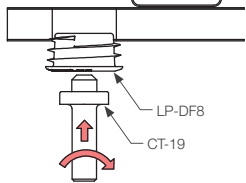
<b>LP-DF8</b> 	<b>USE WITH:</b>	<b>INSTALL WITH:</b>
	LP-M8A   LP-SM8AS 	CP-08ST   25Ø hole saw   CT-19   CT-09   CT-10 

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

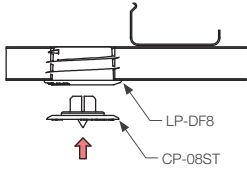
**1** Drill 25Ø hole in drywall plasterboard



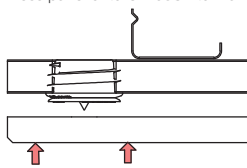
**2** Screw LP-DF8 into drywall. Use battery drill with clutch set, fit only once, do not over tighten



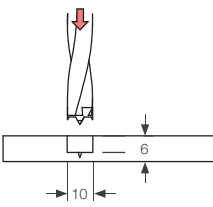
**3** Fit CP-08ST centre point into LP-DF8



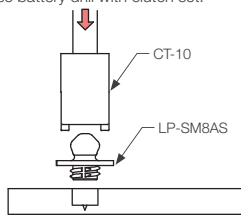
**4** Press panel onto CP-08ST to mark



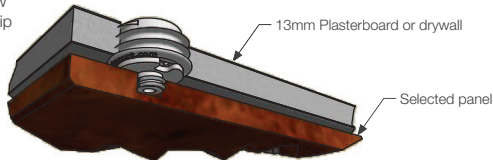
**5** Drill panel on mark with CT-09



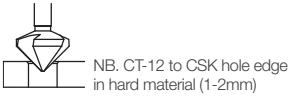
**6** Screw fit LP-M8A with CT-10. use battery drill with clutch set.



**A** Cutaway view of installed clip



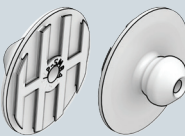

NB. CT-12 to CSK hole edge in hard material (1-2mm)



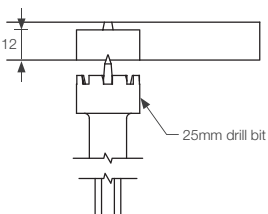
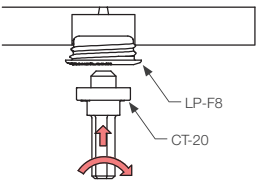
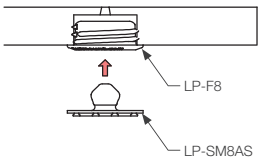
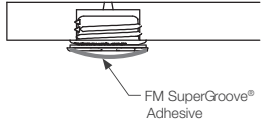
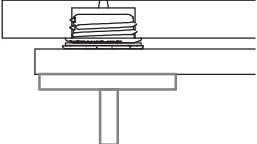


## INSTALLATION GUIDE

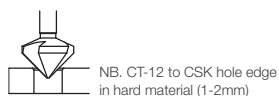
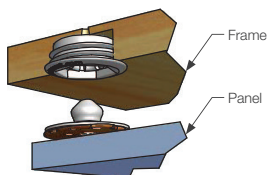
## LP-SM8AS Low Profile Surface Mount Male

<p><b>LP-SM8AS</b></p>  <p>Reverse</p>	<p><b>USE WITH:</b></p> <p>LP-F8    LP-DF8    LP-AF8A</p> 	<p><b>INSTALL WITH:</b></p> <p>SuperGroove® Adhesive</p>
-------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------

## INSTALLATION STEPS Adhesive fix option

<p><b>1</b> Drill 25Ø hole in frame</p>  <p>25mm drill bit</p>	<p><b>2</b> Screw LP-F8 into frame, use battery drill with clutch set.</p>  <p>LP-F8 CT-20</p>	<p><b>3</b> Fit LP-SM8AS into LP-F8</p>  <p>LP-F8 LP-SM8AS</p>
<p><b>4</b> Adhesive to LP-SM8AS</p>  <p>FM SuperGroove® Adhesive</p>	<p><b>5</b> Drill panel on mark with CT-09</p>  <p>Place panel in position, and support while adhesive dries</p>	

- A** Cutaway view of installed clip (panel removed)

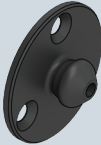




MORE INFO: Clip Layout guide TD-02 & TD-08

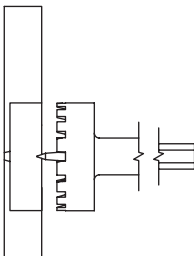
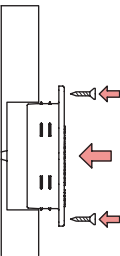
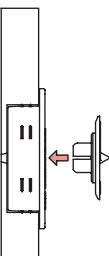
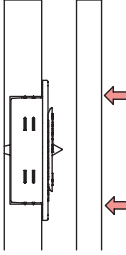
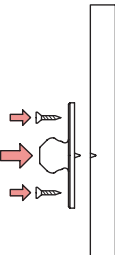
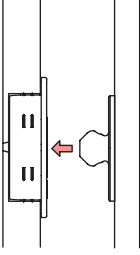


# LOW PROFILE LP RANGE

## LP-SMX Surface Mount Male Screw Fix – 15kg

<div>LP-SMX</div> 	<div>USE WITH:</div> <div>LP-F8 LP-AF8A</div> 	<div>INSTALL WITH:</div> <div>CP-08ST 3 x #6 countersink screws</div> 
-----------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------

### INSTALLATION STEPS

<div>1 Drill out 350 hole in substrate</div> 	<div>2 Press LP-AF8A into drilled hole, fix with 3x #4 CSK screw</div> 	<div>3 Fit CP-08ST into LP-AF8A</div> 
<div>4 Press panel onto CP-08ST to mark clip position</div> 	<div>5 Locate LP-SMX into marked position on panel, install with 3 x #6 CSK screws</div> 	<div>6 Align panel and press firmly to engage clips</div> 



Change  
panels whenever  
you want.



*ASB Bank, New Zealand*

• LP-DF8 + LP-SM8AS



Panel mounting solution:  
**LP-DF8** - drywall  
**LP-SM8AS** - panel



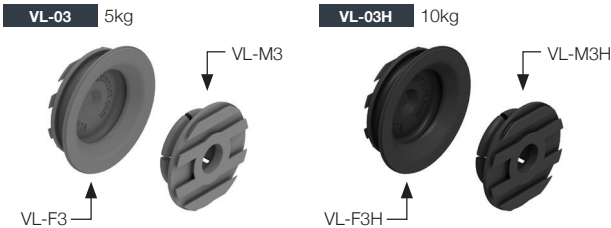
# VERY LOW PROFILE VL RANGE

## VL-03 & VL-03H Very Low Profile Clip Set

INDUSTRY FIT:    

### SPECIFICATIONS:

The VL-03 and VL-03H are ideal for mounting ceiling and wall panels in areas with minimal frame and panel thickness. The VL-03 and VL-03H clip sets use the patented SuperGroove® system to mechanically engage into adhesive. Screw or adhesive combinations can be used.



**MATERIAL:**  
Grey or black acetal / nylon GF

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

### VERY LOW PROFILE VL RANGE

#### BENEFITS

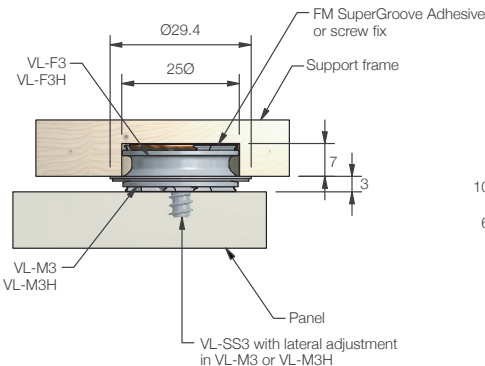
- Self-aligning secure mounting
- Installation requires no special tools or skilled labour
- Uses a range of adhesives to suit the customer
- Fast installation
- 5kg or 10kg pull out load
- Clip lead in for easy fitting
- Can be screw fixed with lateral adjustment, or glue fixed

#### APPLICATIONS

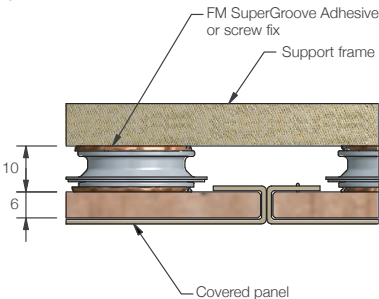
- Areas with minimal clearance
- Inspection panels
- Soft or honeycomb cored panels with thin facings
- Mounting panels where no drilling is preferred

### INSTALLATION: Partially exploded through section showing typical installation method

Through section showing recessed installation



Through section showing surface mounted adhesive installation







## PRODUCT SHEET

### VL-03FR Very Low Profile Clip Set Fire Rated

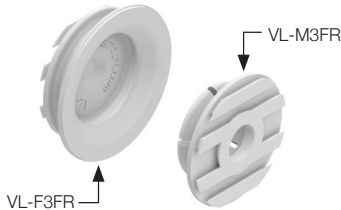
INDUSTRY FIT:    

#### SPECIFICATIONS:

The VL-03FR combines 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-03FR 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.

**VL-03FR** 10kg



#### MATERIAL:

PBT

#### MORE INFO:

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

#### VERY LOW PROFILE VL RANGE

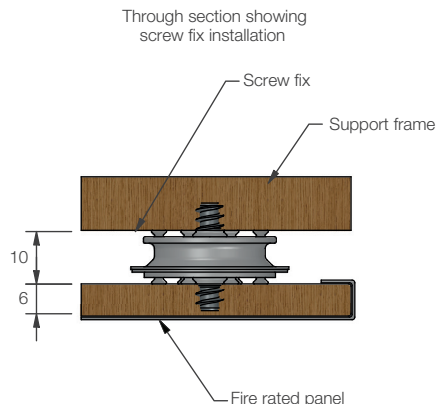
##### BENEFITS

- 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



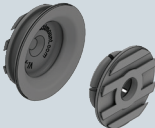
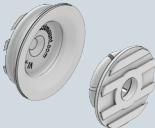




# VERY LOW PROFILE VL RANGE

# VL

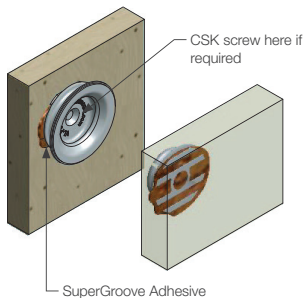
## INSTALLATION GUIDE

### VL-03, VL-03H & VL-03 FR Very Low Profile Clip Set

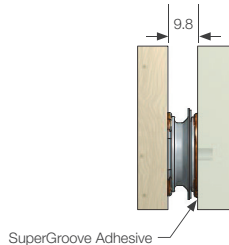
VL-03 5kg	VL-03H 10kg	VL-03FR 10kg	USE WITH:	INSTALL WITH:
			 VL-SS3 Fastmount SuperGroove® Adhesive	 VL-CP3

#### INSTALLATION STEPS

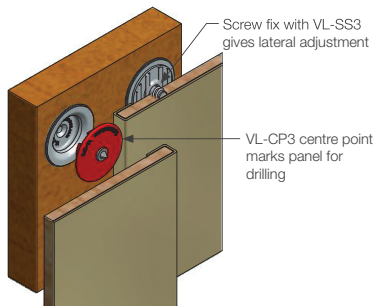
1 Exploded view of typical installation (adhesive fix)



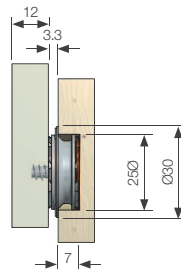
2 Section through installed clip



3 Exploded view showing centre point marker, install option



4 Section through recessed installation



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



Confidence  
that just clicks.

As the size of high-scale superyachts and commercial buildings increase, so do the number of regulations for building materials. Which is why Fastmount has designed the fire rated version of the VL-03 clip set. Perfect for corridors or egress areas, the VL-03FR can squeeze into the smallest of spaces with a rivet or screw fix, as Fastmount's lowest-profile, fastest installing clip set.



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.





# METAL MC RANGE

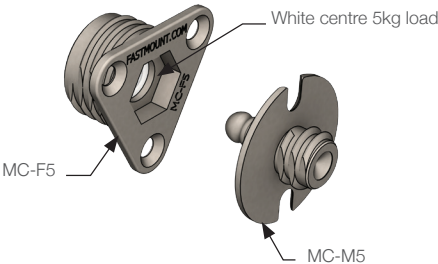
## MC-05 Metal Clip Set MC-F5 & MC-M5

INDUSTRY FIT: 

### SPECIFICATIONS:

### METAL MC RANGE

The Fastmount metal clip is designed for demanding applications that require fire protection and heavy load bearing. This versatile metal clip can be used in conjunction with our Standard Range clips.



**MATERIAL:**  
EZDA 3 triple plated, SS spring

**MORE INFO:**  
Installation Guide MC-05  
Clip Layout Guide TD-02, 09, 12

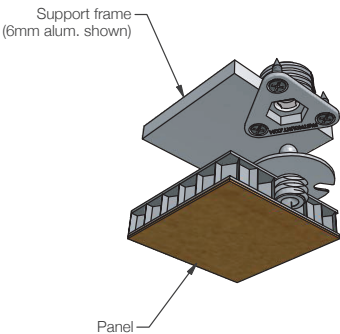
### BENEFITS

- Metal clip to withstand high temperatures
- Allows for tolerance and panel flex (self centering)
- Provides acoustic and vibration isolation
- 5kg pull out load
- Self tapping and screw fit mounting options

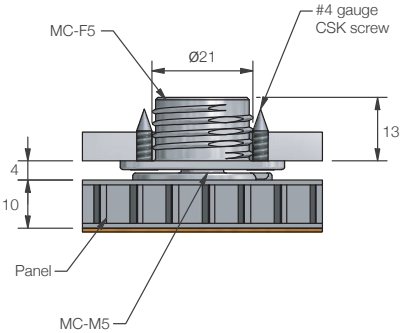
### APPLICATIONS

- Fire rated panels
- Panels in fire egress paths
- Ceiling, wall and exterior panels
- Mounting of curved panels
- Variety of substrates

### INSTALLATION: Partially exploded through section showing typical installation method



Cutaway exploded view (nts)



Typical section (1:1)

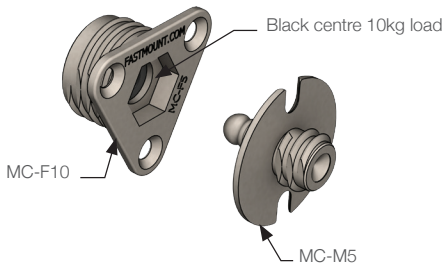


**MC-10 Metal Clip Set MC-F10 & MC-M5**

INDUSTRY FIT:

**SPECIFICATIONS:****METAL MC RANGE**

The Fastmount MC-F10 metal clip is designed for demanding applications that require fire protection and heavier load bearing. This versatile metal clip can be used in conjunction with our Standard Range clips.

**MATERIAL:**

EZDA 3 triple plated, SS spring

**MORE INFO:**

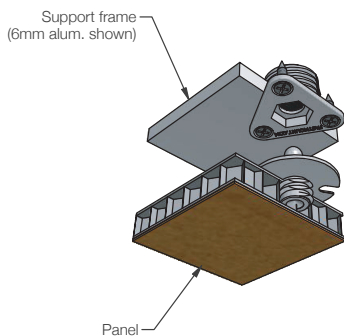
Installation Guide MC-05  
Clip Layout Guide TD-02, 09, 12

**BENEFITS**

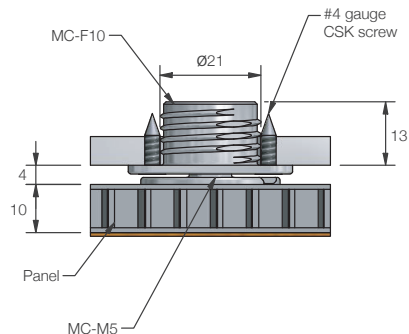
- Metal clip to withstand high temperatures
- Allows for tolerance and panel flex (self centering)
- Provides acoustic and vibration isolation
- 10kg pull out load
- Self tapping and screw fit mounting options

**APPLICATIONS**

- Suitable for mounting up to 40kg per m2
- Fire rated panels
- Panels in fire egress paths
- Ceiling, wall and exterior panels
- Mounting of curved panels
- Install into a variety of substrates

**INSTALLATION:** Partially exploded through section showing typical installation method

Cutaway exploded view (nts)



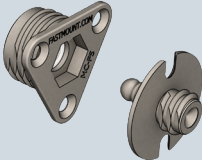
Typical section (1:1)



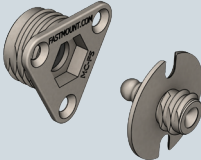
# METAL MC RANGE

## MC-05 & MC-10 Metal Clip Set

MC-05




MC-10




INSTALL WITH:


MC-CP5




25Ø drill



CT-09



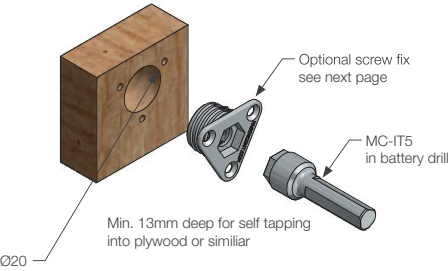
MC-IT5



### INSTALLATION STEPS Self tapping method

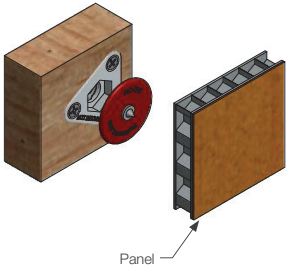
1

Drill hole through support frame and fit MC-F5 or MC-F10



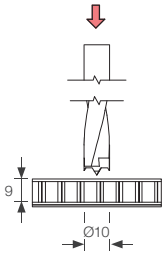
2

Mark panel with MC-CP5



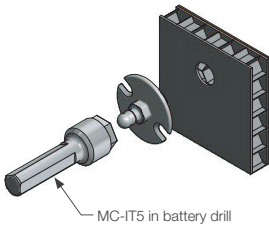
3

Drill panel on centre mark



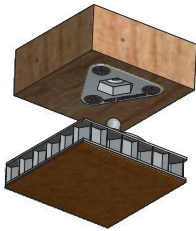
4

Self tapping screw fit MC-M5 into panel



5

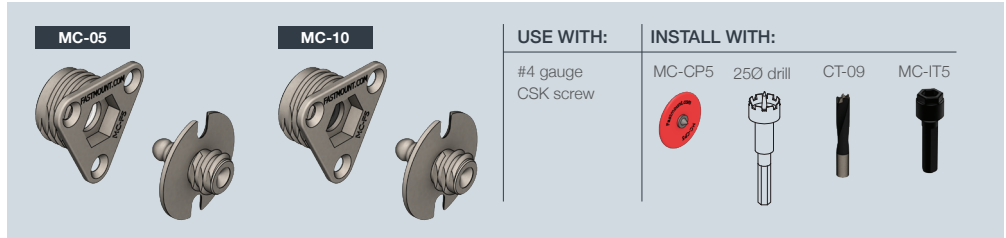
Exploded cutaway view of installed clip set



MORE INFO: SETOUT GUIDE TD-02, 09, 12. PRODUCT SHEET MC-05

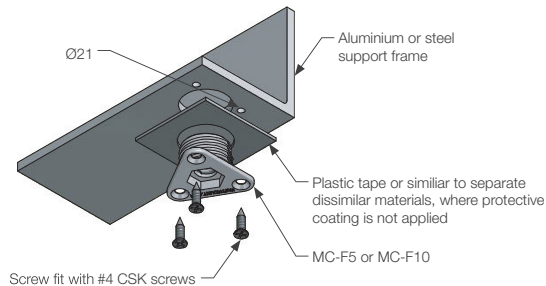


### MC-05 & MC-10 Maxi Metal Clip Set

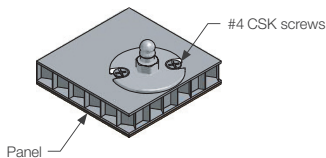


#### INSTALLATION STEPS Screw fix method

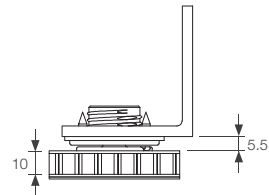
- 1 Drill clearance hole through support frame and fit MC-F5 or MC-F10



- 2 MC-M5 screw fixed to panel



- 3 Cutaway section showing metal frame



Check for separation of dissimilar metals when using MC-05 or MC-10 with aluminium or similar, in exterior applications.



# STRATLOCK SL RANGE

## SL-F15A Stratlock™ Female Side Mount

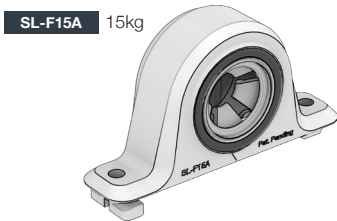
INDUSTRY FIT:  

### SPECIFICATIONS:

### STRATLOCK SL RANGE

The SL-F15A provides rapid installation of heavy panels into side-channel aluminium extrusion framework. Designed specifically for contract interior fit out applications, the SL-F15A is also suitable for superyacht deckhead panels. Female installs rapidly with a twist-lock function into the side channel, and can be screwed or riveted into its final position. Used with the SL-M15, the set provides 360° adjustment of panel before locking into place with a 15kg pull out load. Patent Pending.

Fits into channel dimensions: mouth: 7.5mm - 8.5mm, depth: min 7mm, wall thickness: 0.75mm - 1.2mm. The distance between the panel and substrate when installed is 10.5mm at the first click, and 6mm when pressed into final position.



USE WITH:  
SL-M15



### NEW PRODUCT

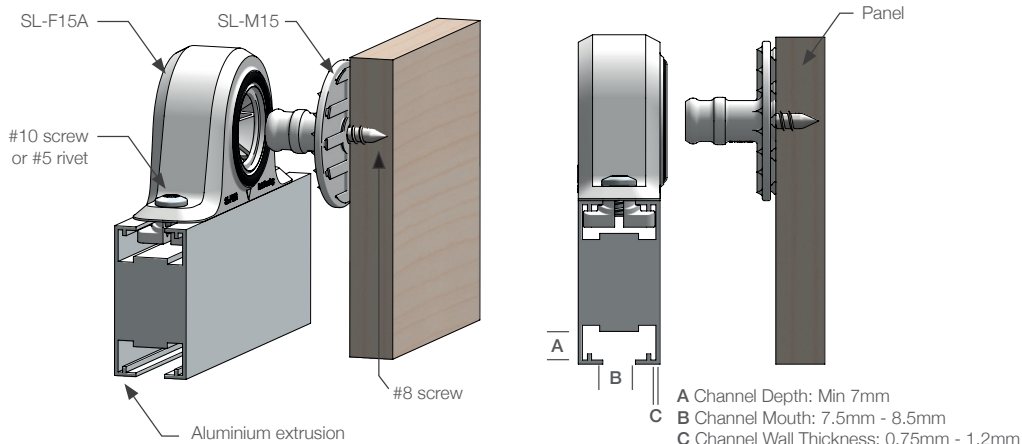
#### MATERIAL:

White acetyl, rubber o-ring

#### MORE INFO:

Installation Guide SL-F15A  
Clip Layout Guide TD-15

### INSTALLATION: Partially exploded through section showing typical installation method



### BENEFITS

- Strongest available mounting from Fastmount
- T-lock function for rapid installation into channel with screw or pop rivet
- Allows 360° adjustment of panel before locking into place
- No special tools required for installation
- Acoustic isolation between panel and frame
- Designed for aluminium extrusion
- 15kg pull out load
- 5mm standoff between frame and panel
- Adjustability along channel for easy spacing - no drilling required

### APPLICATIONS

- Commercial interior fit out
- Architectural and marine applications
- Mounting heavier ceiling and wall panels
- Hotels, hospitals, retail
- Residential fitout
- Superyacht deckhead panels

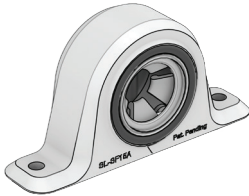


**SL-SF15A** Stratlock™ Female Side Mount – for timber

INDUSTRY FIT:

**SPECIFICATIONS:****STRATLOCK SL RANGE**

The SL-SF15A provides rapid installation of heavy panels to timber, steel or aluminium framework. Designed specifically for contract interior fitout applications to reduce onsite installation time. Female installs onto side of framework with with 2 x #8 panhead screws (20mm) in timber frames, and #8 tek screws (20mm) into steel or aluminium framework. Used with the SL-M15 male clip, the set provides 360° panel adjustment before locking into position with a 15kg pull out load. The distance between the panel and substrate when installed is 10.5mm at the first click, and 6mm when pressed into final position. Patent Pending.

**SL-SF15A** 15kg**USE WITH:**  
SL-M15**BENEFITS**

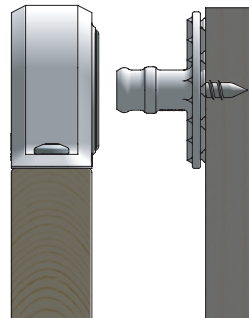
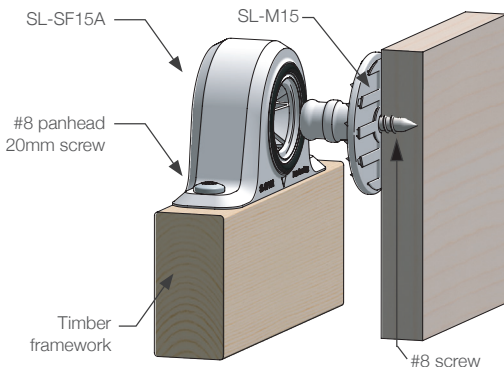
- Strongest available fixing from Fastmount
- Side mount with rapid screw fixing
- Allows 360° adjustment of panel before locking into place
- No special tools required for installation
- Acoustic isolation between panel and frame
- 15kg pull out load
- 5mm clearance between panel and frame

**APPLICATIONS**

- Commercial interior fitout
- Residential interior fitout
- Architectural applications
- Mounting heavy wall panels

**NEW PRODUCT****MATERIAL:**

White acetyl, rubber o-ring

**MORE INFO:**Installation Guide SL-F15B  
Clip Layout Guide TD-16**INSTALLATION:** Partially exploded through section showing typical installation method



# STRATLOCK SL RANGE

## SL-F15B Stratlock™ Female Front Mount

INDUSTRY FIT:  

### SPECIFICATIONS:

### STRATLOCK SL RANGE

The SL-F15B provides rapid installation of heavy panels into 18mm standard galvanized steel rail framework. Designed specifically for contract interior fit out applications. Female installs rapidly with a push fit function into the steel channel, and does not require fastenings. Used with the SL-M15, the set provides 360° panel adjustment before locking into place with a 15kg pull out load. Patent Pending.

Fits into channel dimensions: mouth: 35.0mm - 35.75mm, depth: min 15.75mm - 16.5mm, wall thickness: N/A. The distance between the panel and substrate when installed is 10.5mm at the first click, and 6mm when pressed into final position.

**SL-F15B** 15kg



**USE WITH:**  
SL-M15



### NEW PRODUCT

#### MATERIAL:

White acetyl, rubber o-ring

#### MORE INFO:

Installation Guide SL-F15B  
Clip Layout Guide TD-16

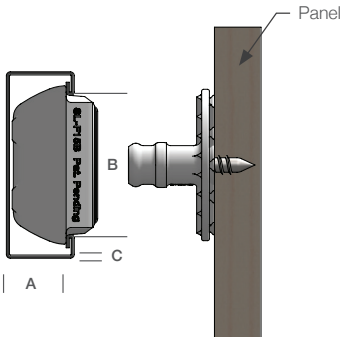
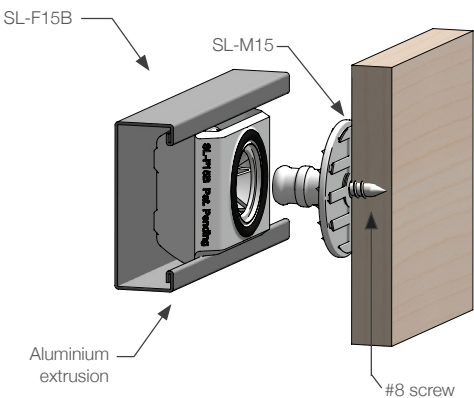
### BENEFITS

- Strongest mounting available from Fastmount
- 360° panel adjustment of panel before locking into place
- Push fit into rail face
- No special tools required
- Acoustic isolation between panel and frame
- Fits into front channel steel extrusion
- 15kg pull out load
- Adjustability along channel for easy spacing - no drilling required

### APPLICATIONS

- Commercial interior fit out
- Mounting heavier ceiling and wall panels
- Architectural applications
- Hotels, hospitals, retail, residential

### INSTALLATION: Partially exploded through section showing typical installation method



- A Channel Depth: Min 15.75mm - 16.5mm  
B Channel Mouth: 35.0mm - 35.75mm  
C (Channel Wall Thickness: Wall thickness does not effect clip)



SL

## PRODUCT SHEET

**SL-M15** Stratlock™ Male 15kg

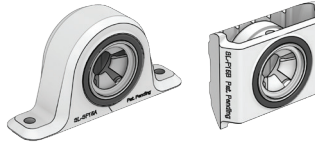
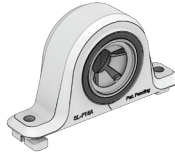
INDUSTRY FIT:

**SPECIFICATIONS:****STRATLOCK SL RANGE**

The SL-M15 attaches to the panel, and mounts into either SL-F15A or SL-F15B for rapid mounting of heavy panels to aluminium or steel extrusion framework. Featuring a two-stage engagement head, the SL-M15 provides 360° panel adjustment before locking into its final position. Option to fix into panel with #8 screw, or Fastmount SuperGroove Adhesive. Combined with the SL-F15A, SL-SF15A or SL-F15B, the SL-M15 has a 15 kg pull out load and high shear strength. The distance between the panel and substrate when installed is 10.5mm at the first click, and 6mm when pressed into final position. No special tools required for installation. Patent Pending.

**SL-M15** 15kg

**USE WITH:**  
SL-F15A  
SL-SF15A  
SL-F15B

**BENEFITS**

- Strongest mounting available from Fastmount
- Two-stage engagement male allows 360° panel adjustment before locking into place
- Screw fix with #8 screw or SuperGroove Adhesive fix
- No special tools required
- Acoustic isolation between panel and frame
- Fits into SL-F15A, SL-SF15A and SL-F15B
- 15kg pull out load
- High shear strength
- #8 screw fix through centre of clip for added durability

**APPLICATIONS**

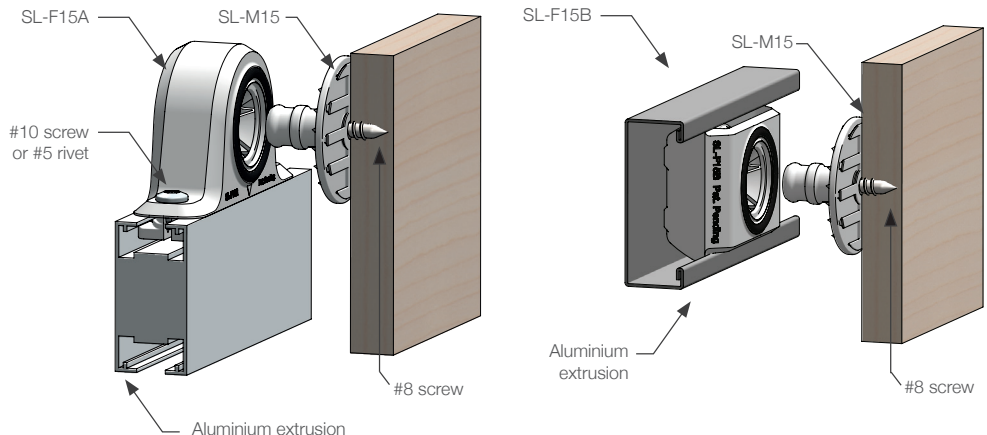
- Commercial interior fit out
- Mounting heavier ceiling and wall panels
- Hotels, hospitals, retail, residential
- Superyacht deckheads

**MATERIAL:**

White glass-filled nylon

**MORE INFO:**

Installation Guide SL-F15A, SL-F15B  
Clip Layout Guide TD-15

**INSTALLATION:** Partially exploded through section showing typical installation method



# STRATLOCK SL RANGE

## SL-F15A Stratlock™ Range - Screw fix

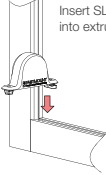
SL-F15A



USE WITH:	INSTALL WITH:
	

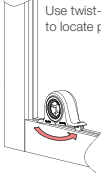
**INSTALLATION STEPS** Screw fix method

1



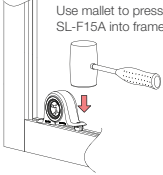
Insert SL-F15A into extrusion frame

2



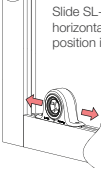
Use twist-lock function to locate position

3



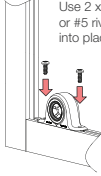
Use mallet to press SL-F15A into frame

4



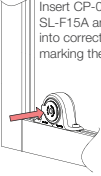
Slide SL-F15A horizontally into final position if required

5



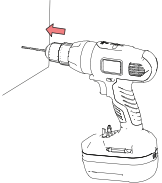
Use 2 x #10 screws or #5 rivets to fix into place

6



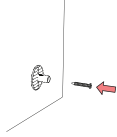
Insert CP-01 ST into SL-F15A and press panel into correct position, marking the panel

7



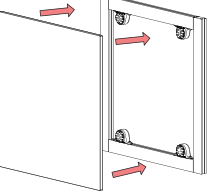
Drill out mark created by CP-01 ST with 3mm drill bit

8




Install SL-M15 with #8 screw

9



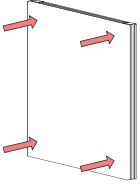
Engage panel to first click of SL-M15 into SL-F15A

10



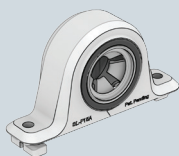
Adjust panel 360° to find correct position

11



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



**SL-F15A** Stratlock™ Range - Adhesive fix**SL-F15A****USE WITH:**

SL-M15

**INSTALL WITH:**

Fastmount SuperGroove®  
Adhesive  
#10 screw

**INSTALLATION STEPS** Adhesive fix method

<p><b>1</b> Insert SL-F15A into extrusion frame</p>	<p><b>2</b> Use twist-lock function to locate position</p>	<p><b>3</b> Use mallet to press SL-F15A into frame</p>	<p><b>4</b> Slide SL-F15A horizontally into final position if required</p>
<p><b>5</b> Use 2 x #10 screws or #5 rivets to fix into place</p>	<p><b>6</b> Engage SL-M15 two click into SL-F15A</p>	<p><b>7</b> Apply Fastmount SuperGroove® Adhesive CG-5010 to SL-M15</p>	<p><b>8</b> Press panel into place</p>
<p><b>9</b> Use panel support while adhesive dries</p>	<p><b>10</b> Once adhesive has dried, remove panel. Replace and engage one click to adjust panel 360° to find correct position</p>	<p><b>11</b> Once panel is in correct location, engage second click by pressing panel into final position.</p>	



# STRATLOCK SL RANGE

## SL-SF15A Stratlock™ Range - Screw fix

SL-SF15A

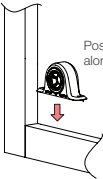


USE WITH:	INSTALL WITH:
SL-M15 	2 x #8 panhead screws (20mm, timber frame) OR #8 tek screws (20mm, aluminium/steel frame)

**INSTALLATION STEPS** Screw fix method.

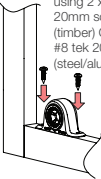
Note: Refer into steps 6 - 11 on SL-F15A Adhesive Fix Installation Guide for adhesive application.

1




Position SL-SF15A along frame

2



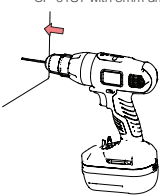
Screw into position using 2 x #8 pan head 20mm screws (timber) OR #8 tek 20mm screws (steel/alum.)

3



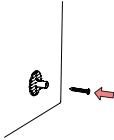
Press CP-01ST centrepont into SL-SF15A, press panel onto point

4



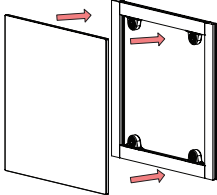
Drill out mark created by CP-01ST with 3mm drill bit

5



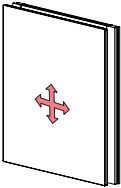
Install SL-M15 with #8 screw

6



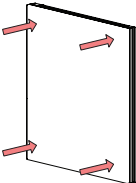
Engage panel to first click of SL-M15 into SL-SF15A

7



Adjust panel 360° to find correct position

8



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





Steel rail or  
aluminium extrusion?

We're setting the  
standard for panel  
mounting with those too.

We created the Stratlock Range to speed up install time to aluminium framework and perfect your panel alignment.

Our patent pending two-stage locking mechanism not only creates flexible panel placement, but accurate positioning of panels. Combine that with a 15kg pull out load and our highest shear strength, and you're looking at the latest standard for panel mounting to aluminium framework.



Patented 360° adjust & lock  
positioning function.



Panel mounting solution:  
**SL-F15A** - aluminium framework  
**SL-M15** - panel



# STRATLOCK SL RANGE

## SL-F15B Stratlock™ Range Screw Fix

SL-F15B



USE WITH:

SL-M15



INSTALL WITH:

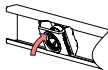
#8 screw  
CP-01ST



### INSTALLATION STEPS Screw fix method

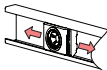
1

Push fit SL-F15B into frame



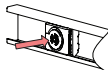
2

Locate SL-F15B into correct position



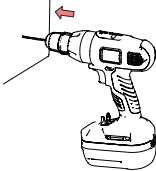
3

Insert CP-01 ST into SL-F15B and press panel into correct position, marking the panel



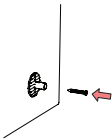
4

Drill out mark created by CP-01ST with 3mm drill bit



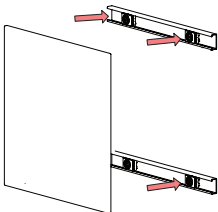
5

Install SL-M15 with #8 screw



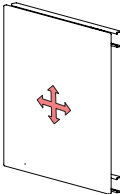
6

Engage panel to first click into SL-F15B



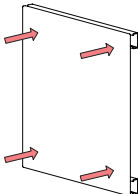
7

Adjust panel 360° to find correct position



8

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



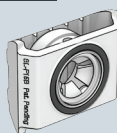


SL

## INSTALLATION GUIDE

## SL-F15B Stratlock™ Range Adhesive Fix

SL-F15B



USE WITH:

SL-M15

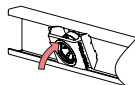


INSTALL WITH:

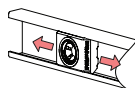
Fastmount SuperGroove®  
Adhesive

## INSTALLATION STEPS Adhesive fix method

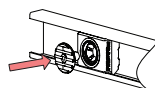
- 1 Push fit SL-F15B into frame



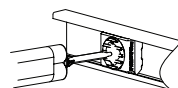
- 2 Locate SL-F15B into correct position



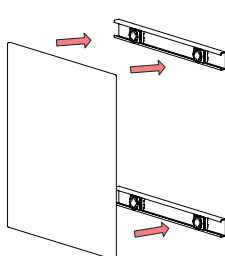
- 3 Engage SL-M15 two clicks into SL-F15B



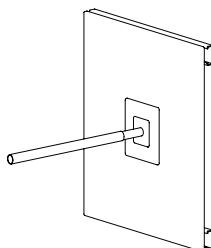
- 4 Apply Fastmount SuperGroove Adhesive CG-5010 to SL-M15



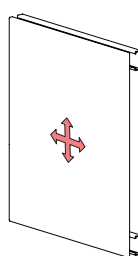
- 5 Press panel into place



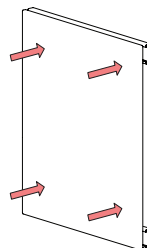
- 6 Use panel support while adhesive dries



- 7 Once adhesive has dried, remove panel. Replace and engage only one click to adjust panel around the SL-M15's point



- 8 Once panel is in desired location, engage second click by pressing panel into its final position





# PANELSAFE PS RANGE

## PS-150 PanelSafe - Self Tapping Male

INDUSTRY FIT:  

### SPECIFICATIONS:

### PANELSAFE PS RANGE

PanelSafe 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 clips and installation tools.

Standard 150mm drop, custom lengths available on request.



**MATERIAL:**  
Aluminium and stainless steel

**USE WITH:**  
**PC** Standard Range  
**LP** Low Profile Range  
**VL** Very Low Profile Range  
**MC** Metal Range

**MORE INFO:**  
Installation Guide PS-150  
Clip Layout Guide PS-150

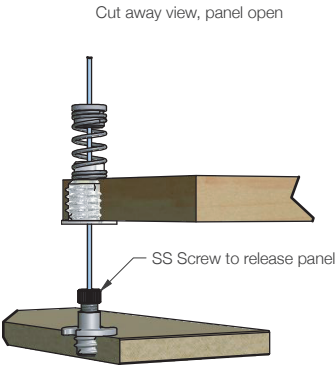
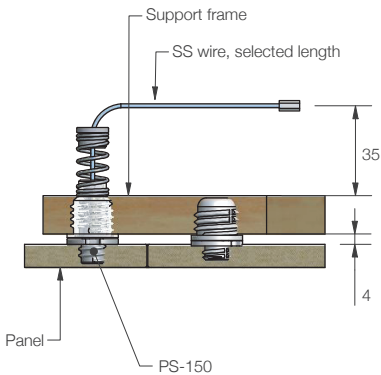
### BENEFITS

- 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





**PS-150E** PanelSafe Easy Fit - Self Tapping Male

INDUSTRY FIT:

**SPECIFICATIONS:****PANELSAFE PS RANGE**

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.

**PS-150E****USE WITH:**

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

**MATERIAL:**

Aluminium and stainless steel

**MORE INFO:**

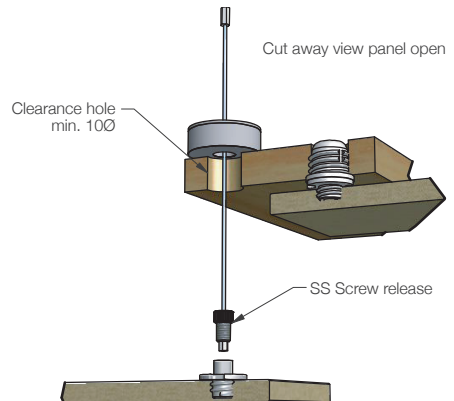
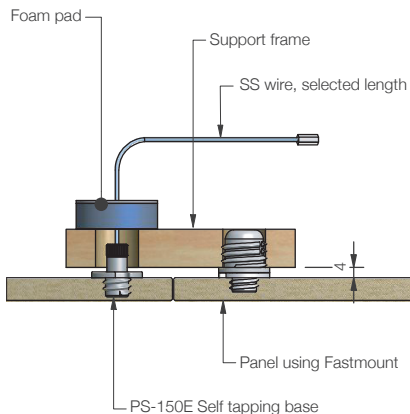
Installation Guide PS-150E  
Clip Layout Guide PS-150E page 84

**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-S150E PanelSafe Easy Fit - Surface Mount

INDUSTRY FIT:  

### SPECIFICATIONS:

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.



**MATERIAL:**  
Aluminium and stainless steel

**USE WITH:**  
**PC** Standard Range  
**LP** Low Profile Range  
**VL** Very Low Profile Range  
**MC** Metal Range

**MORE INFO:**  
Installation Guide PS-150E  
Clip Layout Guide PS-150E

### PANELSAFE PS RANGE

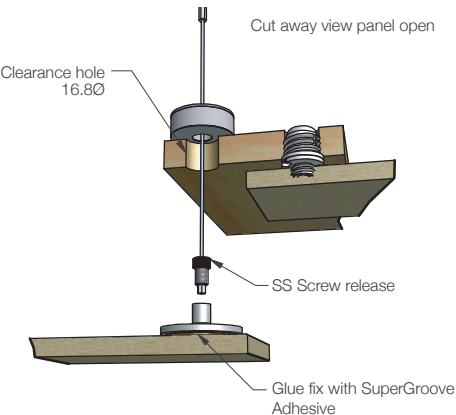
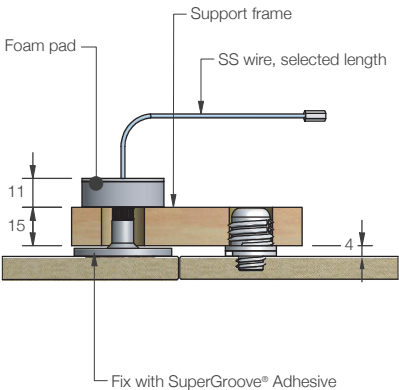
#### BENEFITS

- 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





Safe and secure.  
Fast and easy.



An extension of the Fastmount PanelSafe range, the Seismount provides added security and ease of dismount for removable ceiling and wall panels. With the high volume, commercial customer in mind, its design was taken back to basics to deliver a cost effective system without sacrificing high performance, boasting a 144kg drop load resistance. Peace of mind on every panel.



Panel restraint solution:  
**PS-SR225S** Seismount  
Galvanised Steel – 225mm



# PANELSAFE PS RANGE

## PS-SR225S Seismount™ Galvanised Steel – 225mm

INDUSTRY FIT: 

### SPECIFICATIONS:

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:**  
Galvanised steel

### PANELSAFE PS RANGE

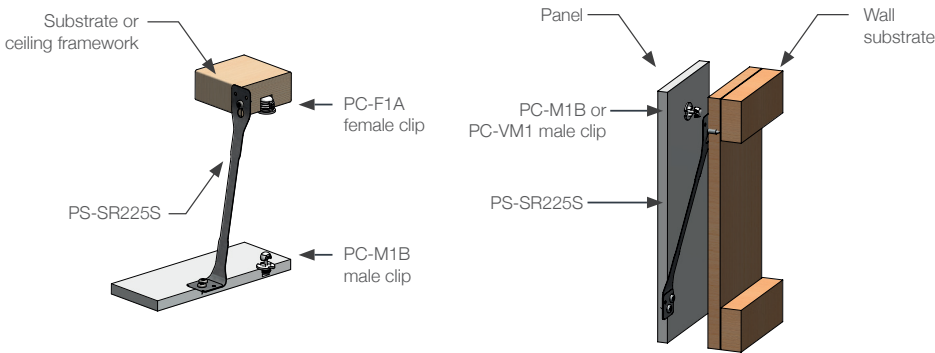
#### BENEFITS

- 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





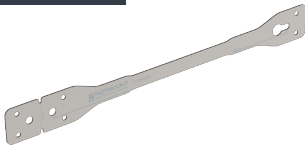
**PS-SR225SS** Seismount™ Stainless Steel – 225mm

INDUSTRY FIT:

**SPECIFICATIONS:**

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:**  
 Stainless steel

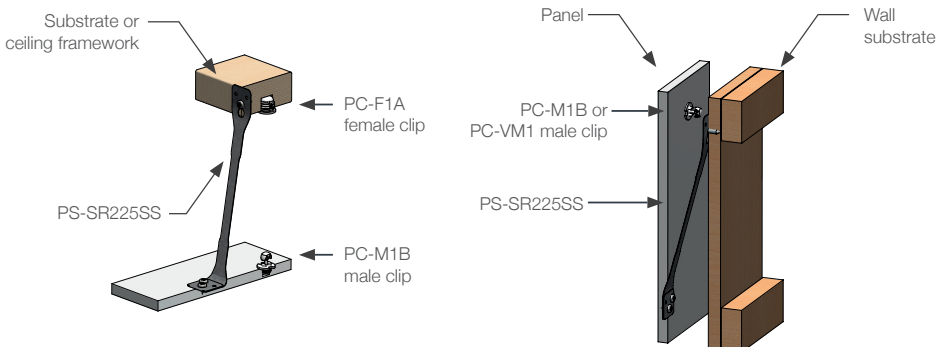
**PANELSAFE PS RANGE****BENEFITS**

- 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





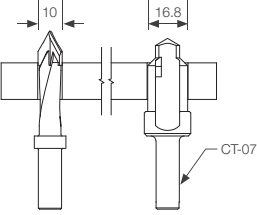
# PANELSAFE PS RANGE

## PS-150 PanelSafe Restraint System

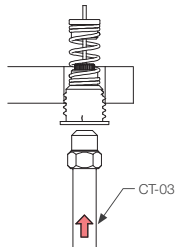
 <b>PS-150</b>	<b>USE WITH:</b>	<b>INSTALL WITH:</b>
	<b>PC</b> Standard Range <b>LP</b> Low Profile Range <b>VL</b> Very Low Profile Range <b>MC</b> Metal Range	<b>CP-01ST</b>  <b>CT-01</b>  <b>CT-09</b>  <b>CT-07</b>  <b>CT-03</b>  <b>CT-10</b> 

### INSTALLATION STEPS Page 1

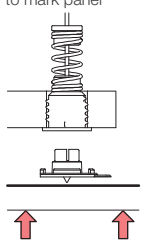
**1** Drill hole through panel and frame



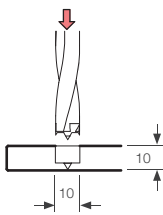
**2** Screw PanelSafe in 16.8Ø hole



**3** Fit CP-01ST into PanelSafe to mark panel



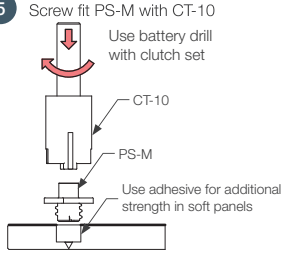
**4** Drill panel on center mark 7.5mm deep



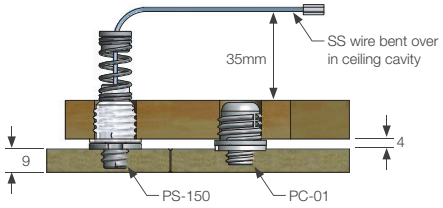
**5** Screw fit PS-M with CT-10

Use battery drill with clutch set

Use adhesive for additional strength in soft panels



**6** Completed installation





**PS-150** PanelSafe Restraint System**PS-150****USE WITH:**

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

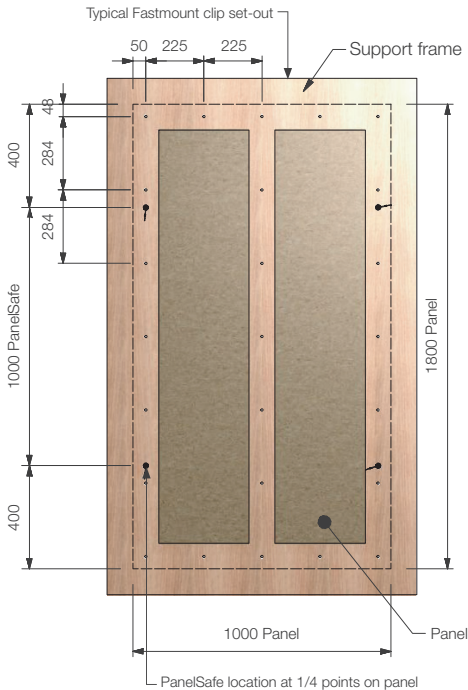
**INSTALL WITH:**

CT-03

CT-10

**INSTALLATION STEPS** Page 2

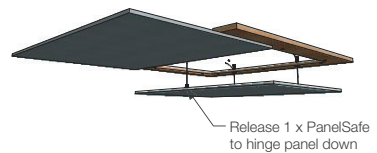
- A** Plan view of panel from above with 4 x PanelSafe  
 Larger or more flexible panels may require extra PanelSafes for correct support. Each PanelSafe has a static load of 150kgs and a drop load of 10kgs.



- B** End view with panel down




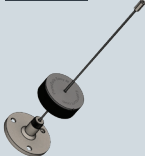





- C** End view with panel down





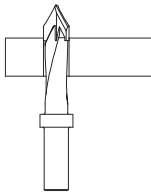
# PANELSAFE PS RANGE

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

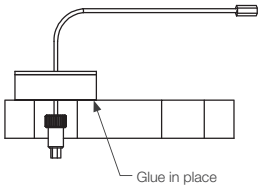
<div><b>PS-150E</b></div> 	<div><b>PS-S150E</b></div> 	<b>USE WITH:</b>  PC Standard Range LP Low Profile Range VL Very Low Profile Range MC Metal Range	<b>INSTALL WITH:</b>  CP-01ST CT-01 CT-09 CT-07 CT-10     
------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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

1 Drill hole through support frame

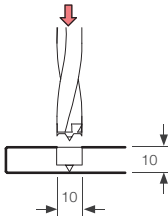


2 Fit PanelSafe in 10Ø to 16.8Ø hole



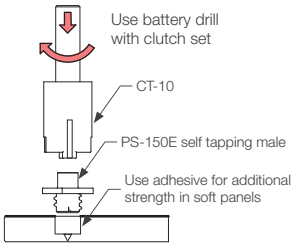
Glue in place

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



10  
10

4 Screw fit PS-M with CT-10



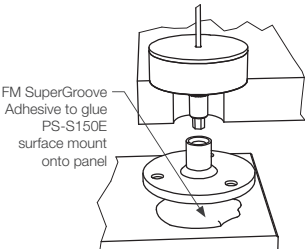
Use battery drill with clutch set

CT-10

PS-150E self tapping male

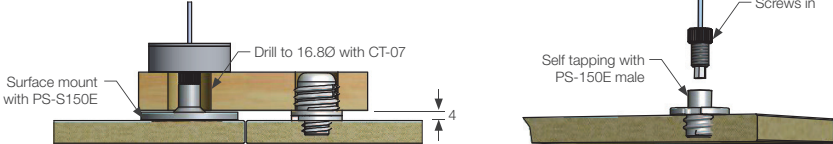
Use adhesive for additional strength in soft panels

Surface mount option



FM SuperGroove Adhesive to glue PS-S150E surface mount onto panel

6 Completed installation



Surface mount with PS-S150E

Drill to 16.8Ø with CT-07

4

Screws in

Self tapping with PS-150E male

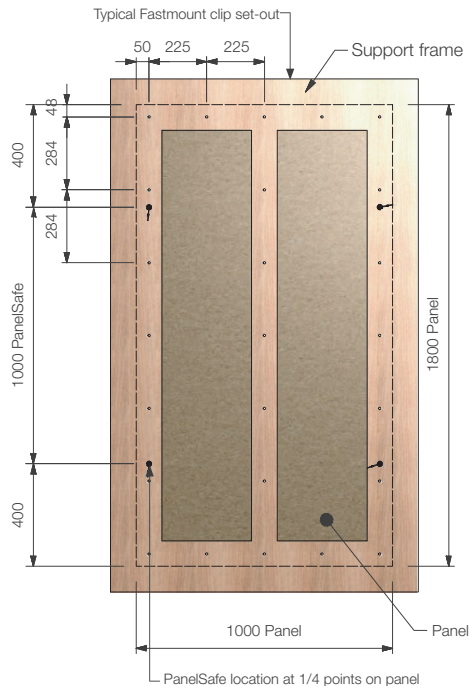


## PS-150E & PS-S150E PanelSafe Easy Fit Restraint System

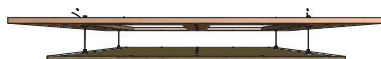


### INSTALLATION STEP OPTIONS

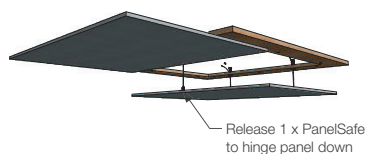
- A** Plan view of panel from above with 4 x PanelSafe  
Larger or more flexible panels may require extra PanelSafes for correct support. Each PanelSafe has a static load of 150kgs and a drop load of 10kgs.



- B** End view with panel down



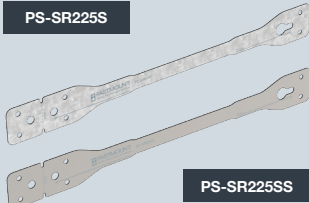
- C** Plan view of small panel from above with 3 x PanelSafe





# PANELSAFE PS RANGE

## PS-SR225S & PS-SR225SS Seismount – 225mm



**PS-SR225S**

**PS-SR225SS**

**USE WITH:**

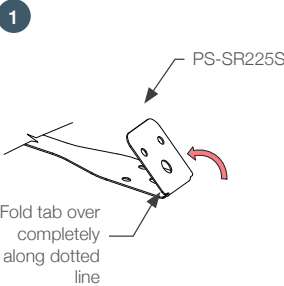
- PC** Standard Range
- LP** Low Profile Range
- VL** Very Low Profile Range
- MC** Metal Range
- SL** Stratlock Range

**INSTALL WITH:**

M10 pan head screw  
6.3 x 8mm euro screw

### INSTALLATION STEPS FOR WALLS

**1**

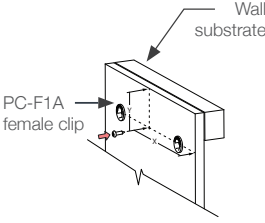


PS-SR225S

Fold tab over completely along dotted line

**2**

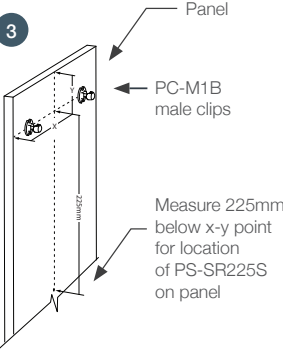
Partially screw M10 pan-head screw into substrate



Wall substrate

PC-F1A female clip

**3**



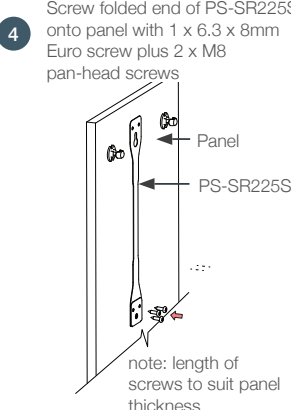
Panel

PC-M1B male clips

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

**4**

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



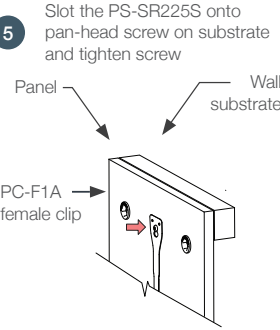
Panel

PS-SR225S

note: length of screws to suit panel thickness

**5**

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

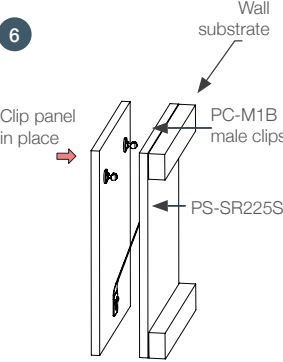


Panel

Wall substrate

PC-F1A female clip

**6**



Clip panel in place

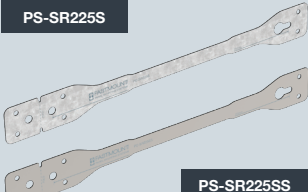
Wall substrate

PC-M1B male clips

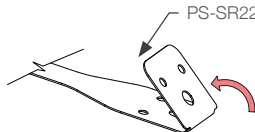
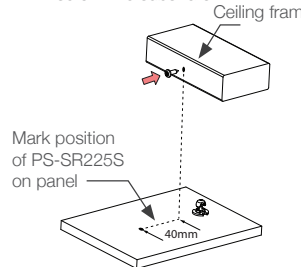
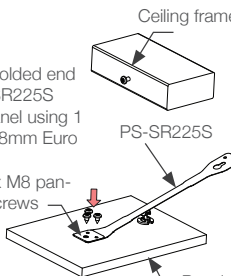
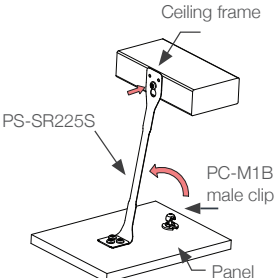
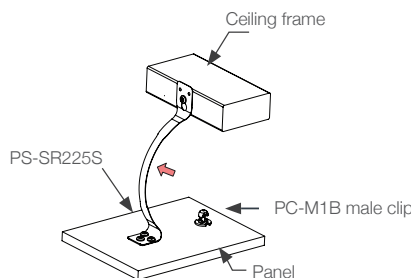
PS-SR225S



**PS-SR225S & PS-SR225SS** Seismount – 225mm

	USE WITH:	INSTALL WITH:
	<b>PC</b> Standard Range <b>LP</b> Low Profile Range <b>VL</b> Very Low Profile Range <b>MC</b> Metal Range <b>SL</b> Stratlock Range	M10 pan head screw 6.3 x 8mm euro screw

**INSTALLATION STEPS FOR CEILINGS**

<p><b>1</b></p>  <p>PS-SR225S</p> <p>Fold tab over completely along dotted line</p>	<p><b>2</b></p> <p>Partially screw M10 pan-head screw into substrate</p>  <p>Ceiling frame</p> <p>Mark position of PS-SR225S on panel</p> <p>40mm</p>	<p><b>3</b></p>  <p>Ceiling frame</p> <p>Screw folded end of PS-SR225S onto panel using 1 x 6.3 x 8mm Euro screw plus 2 x M8 pan-head screws</p> <p>PS-SR225S</p> <p>Panel</p> <p>note: screw length to suit panel thickness</p>
<p><b>4</b></p> <p>Fold up SR and slot the PS-SR225S onto screw in substrate and tighten screw</p>  <p>Ceiling frame</p> <p>PS-SR225S</p> <p>PC-M1B male clip</p> <p>Panel</p>	<p><b>5</b></p> <p>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</p>  <p>Ceiling frame</p> <p>PS-SR225S</p> <p>PC-M1B male clip</p> <p>Panel</p>	



# TEXTILE TC RANGE

## TC-F6 Textile Clip Range

INDUSTRY FIT:   

### SPECIFICATIONS:

Designed for textiles and soft furnishings. The TC-F6 sews onto upholstery during construction stage and fixes to interior and exterior surfaces in conjunction with TC-M6 or TC-SM6. Flexible spring-loaded female clip with three-point release system.

#### TC-F6



#### USE WITH

TC-SM6



TC-M6



TC-F6 Removal tool

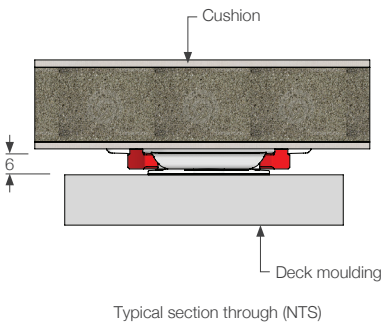


### TEXTILE CLIPS TC RANGE

#### BENEFITS

- TC-F6 sews onto cushion at upholstery stage
- 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
- No force required to remove the furnishing – simply press one of the three buttons to disengage the lock
- Saves removal time for staff and crew
- Invisible fixing – no visible domes, screws, straps or hook and loop
- 10kg break out load

### INSTALLATION:





# TC

## PRODUCT SHEET

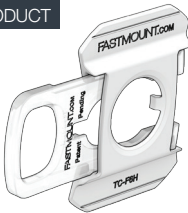
### TC-F6H Textile Clip Female - Heavy Duty

INDUSTRY FIT:



#### SPECIFICATIONS:

Designed for textiles and soft furnishings. The TC-F6H sews onto upholstery for a heavy-duty fixing to interior and exterior surfaces. 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** 26kg**NEW PRODUCT**

#### APPLICATIONS

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

#### USE WITH

TC-SM6



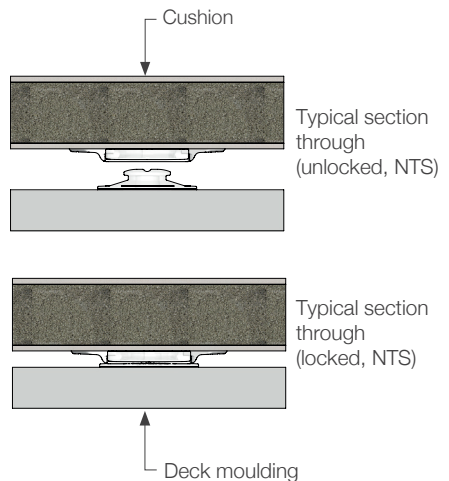
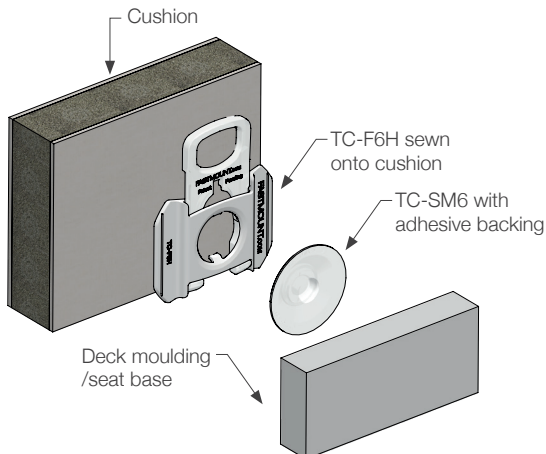
TC-M6



#### BENEFITS

- TC-F6H sews onto cushion at upholstery construction stage
- Enables heavy-duty attachment of soft furnishings to painted or gel coat surfaces
- 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 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

#### INSTALLATION:





# TEXTILE TC RANGE

## TC-M6 Male Clip

### SPECIFICATIONS:

The TC-M6 male clip attaches with #6 screw for mechanical fixing to hard surfaces. Compatible with female clips TC-F6 or TC-F6H from the Textile Range.

#### TC-M6



#### USE WITH

TC-F6



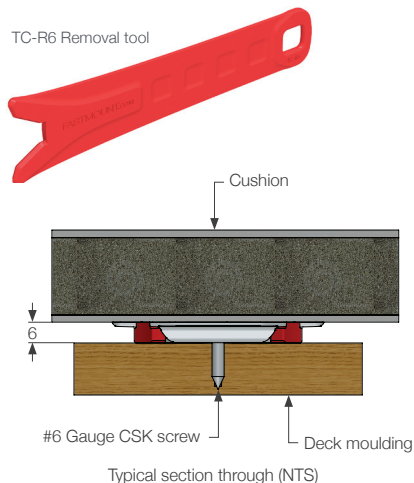
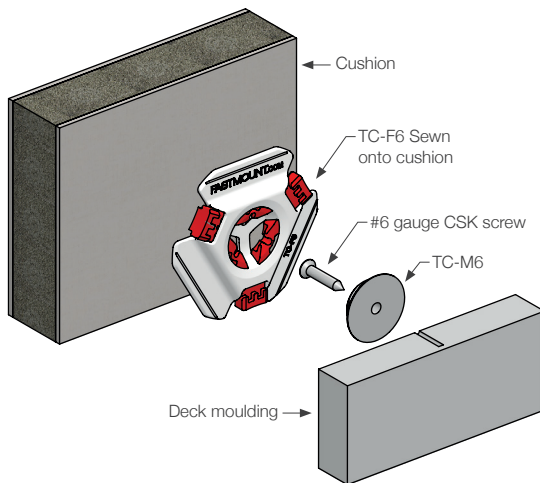
TC-F6H



### 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



INDUSTRY FIT:



TEXTILE CLIPS TC RANGE

### 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 10kg when used with TC-F6 or 26kg when used with TC-F6H



# TC

## PRODUCT SHEET

### TC-SM6 Textile Clip Male - VHB Adhesive

INDUSTRY FIT:



#### SPECIFICATIONS:

The TC-SM6 is a translucent 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-F6 or TC-F6H from the Textile Range.

#### TC-SM6

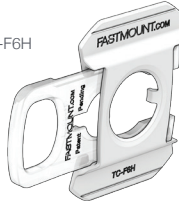


#### USE WITH

TC-F6



TC-F6H



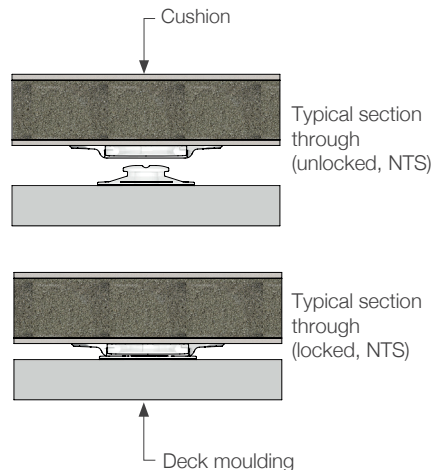
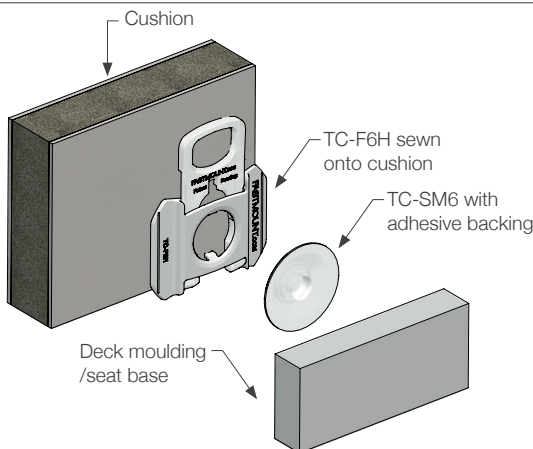
#### APPLICATIONS

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

#### 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 10kg when used with TC-F6 or 32kg when used with TC-F6H
- VHB tape on TC-SM6 is clear in colour and UV stabilised, bonds extremely well to painted, smooth flat surfaces.
- No penetrations or screw holes in deck structure when using TC-SM6

**INSTALLATION:** Partially exploded through section showing typical installation method





# TEXTILE TC RANGE

## TC-F6 & TC-SM6 Textile Clip Range

TC-F6



TC-SM6



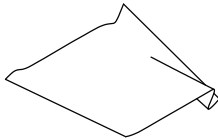
**USE WITH:**

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

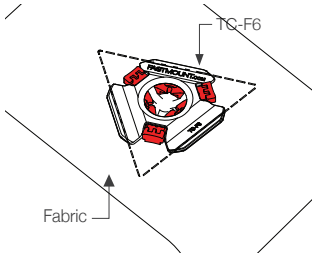
Surface to be used by TC-SM6 must be paint or gelcoat finish, cleaned with solvent or suitable cleaner, dried and free of dust.

**INSTALLATION STEPS:**

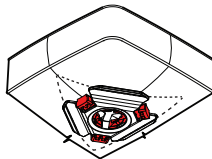
- 1 Trim cushion base to shape



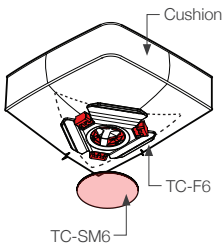
- 2 Sew TC-F6 to fabric using 110/18 needle and V92 size thread along stitch groove



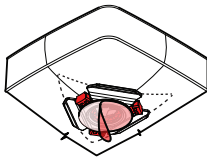
- 3 Finish the construction of the cushion



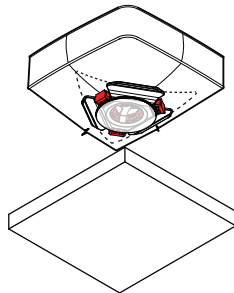
- 4 Insert TC-SM6 into TC-F6



- 5 Peel off protective film






- 6 Press cushion in correct position onto paint surface.

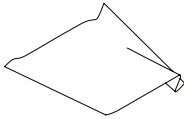
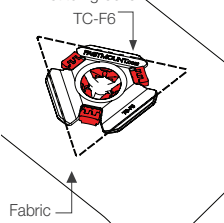
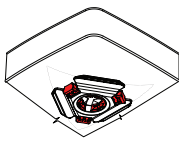
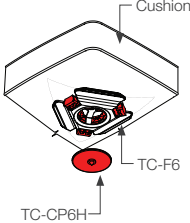
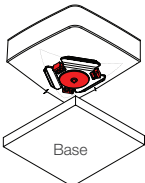
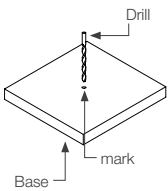
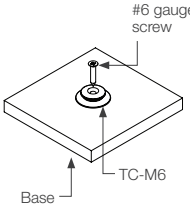
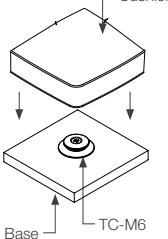




**TC-F6 & TC-M6** Textile Clip Range

TC-F6	TC-M6	USE WITH:	INSTALL WITH:
		Upholstery sewing machine using standard foot, size 110/18 needle and V92 thread. Option to use TC-M6 with TC-F6H.	

**INSTALLATION STEPS:**


<p><b>1</b> Trim cushion base to shape</p> 	<p><b>2</b> Sew TC-F6 to fabric using 110/18 needle and V92 size thread along stitch groove</p> 	<p><b>3</b> Complete construction of cushion, insert foam etc to finish</p> 	<p><b>4</b> Insert TC-CP6H into TC-F6</p> 
<p><b>5</b> Press cushion into place, pushing down on clips firmly to mark base</p> 	<p><b>6</b> Remove cushion and drill out mark in base</p> 	<p><b>7</b> Screw on TC-M6 to base using #6 gauge CSK screw</p> 	<p><b>8</b> Clip cushion in place</p> 




# TEXTILE TC RANGE

## TC-06 Textile Clip Range - Removal


TC-F6



TC-SM6




TC-M6



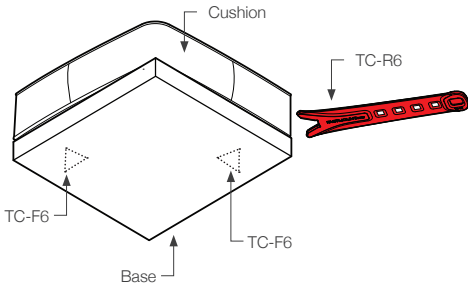
REMOVE WITH:

TC-R6

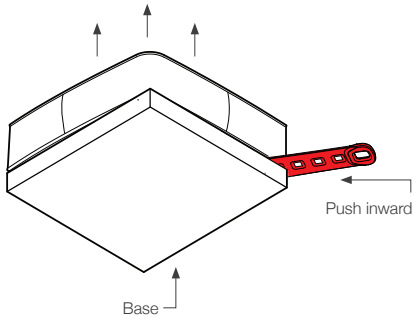


### CUSHION REMOVAL USING TC-R6 REMOVAL TOOL:

- 1
- Insert TC-R6 Removal Tool between cushion and base, locate clips and push tool inwards, to release clip.



- 2
- Lift off cushion





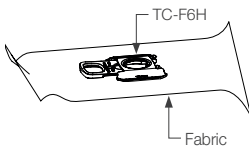
**TC-F6H & TC-SM6** Textile Clip Range**TC-F6H****TC-SM6****USE WITH:**

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

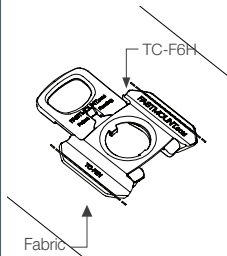
Option to use TC-F6 with TC-SM6.

**INSTALLATION STEPS:**

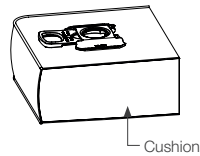
- 1** Sew TC-F6H to fabric using 110/18 needle and V92 size thread along stitch groove.



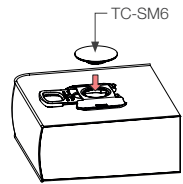
- 1B** Close up of TC-F6H sewn on



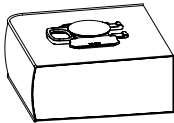
- 2** Complete cushion assembly



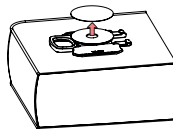
- 3** Insert TC-SM6 into TC-F6H



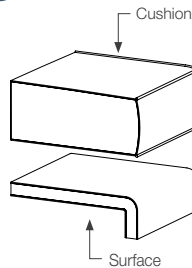
- 4** Lock TC-F6H



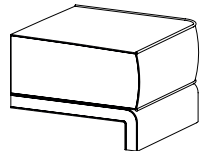
- 5** Peel off TC-SM6 backing



- 6** Align cushion in position



- 7** Press down firmly in place. To disengage, pull slide lock towards edge of cushion.





# 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 for heavy-duty clips. For extra heavy panels use the PC-VMX with a 15kg 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](http://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 and TD-16 at:

**[www.fastmount.com/en/clip\\_system/clip\\_layout\\_guides](http://www.fastmount.com/en/clip_system/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 99-104 for panel clip setout guides or if you require advice email **[info@fastmount.com](mailto:info@fastmount.com)**

## Fastmount with different materials

You can mount Fastmount clips into or onto most panel products such as plywood, MDF, plastic, fiberglass, 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 105 and 106, and the Marine Clip Selection Guide on pages 107 and 108, 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](mailto: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). We recommend the Fastmount SuperGroove Adhesive, a two-part epoxy designed specifically for use with the Fastmount range.

## 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.

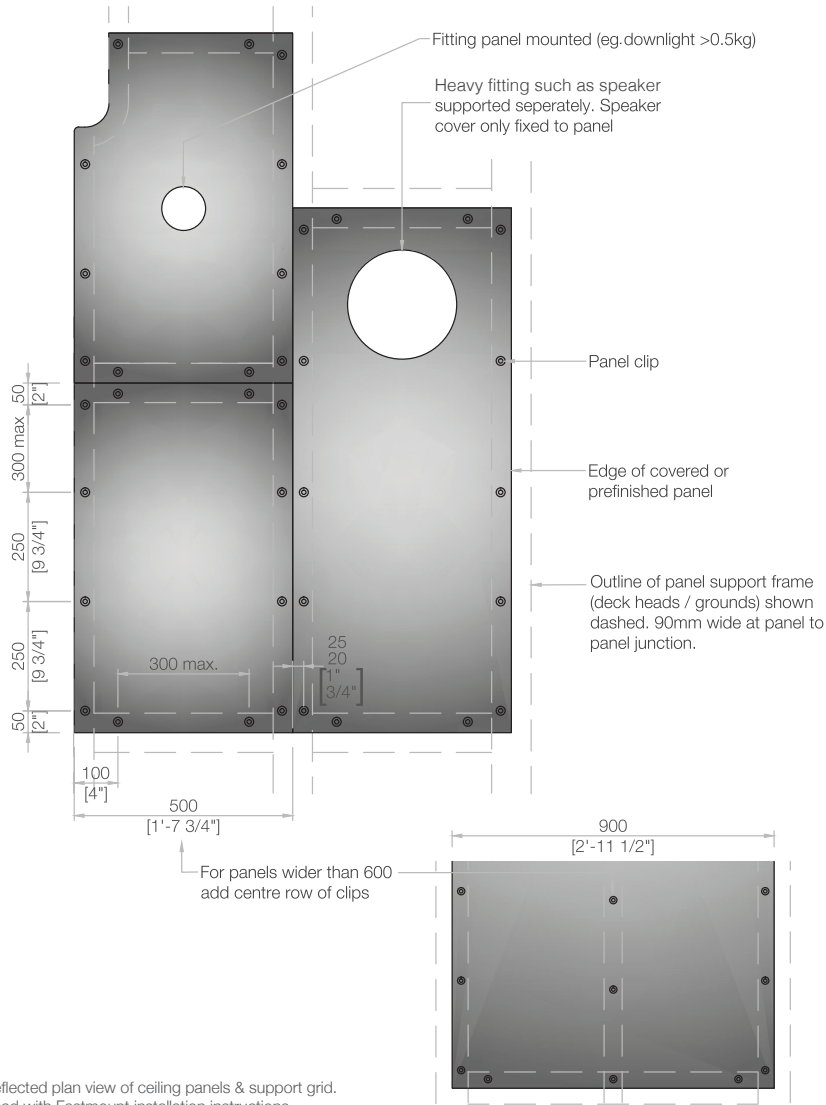
## Quality installation

To ensure consistent and quality installation, Fastmount supplies tools where required. Installation guides and videos are available for each range on [www.fastmount.com](http://www.fastmount.com)



# LAYOUT GUIDE FOR SMALL OR LIGHTWEIGHT CEILING PANEL ALL RANGES

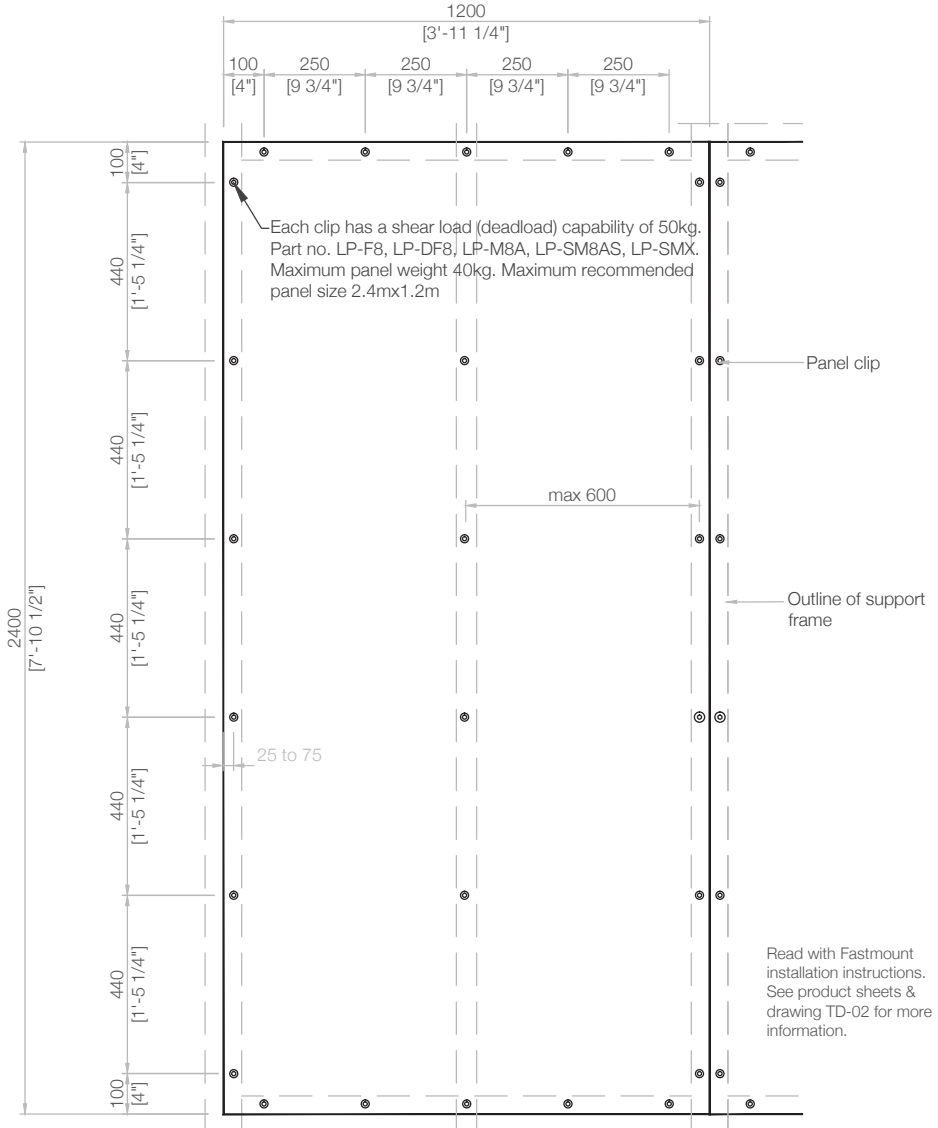
TD-02





# LAYOUT GUIDE FOR LARGE WALL PANEL LOW PROFILE RANGE

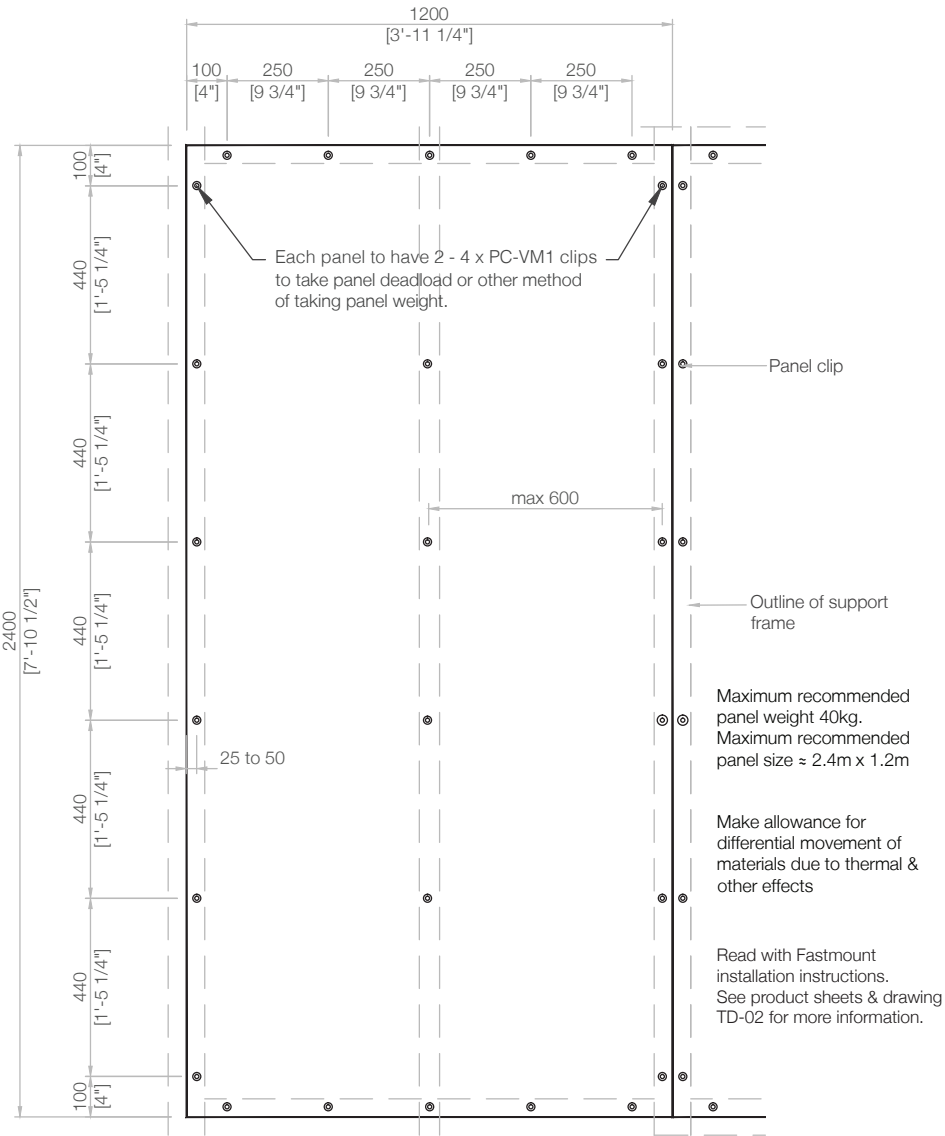
TD-08





# LAYOUT GUIDE FOR LARGE WALL PANEL STANDARD PC RANGE

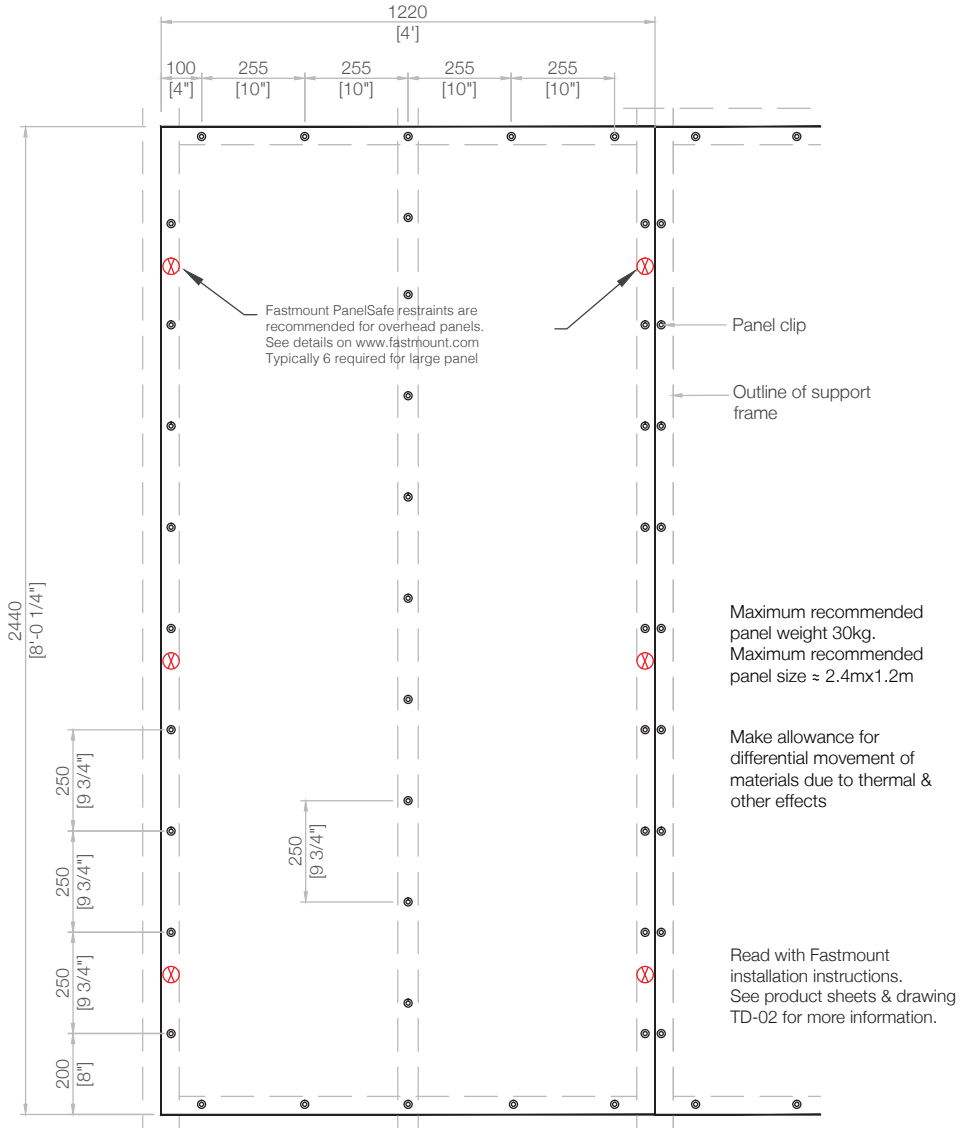
TD-09





# LAYOUT GUIDE FOR HEAVY OR LARGE CEILING PANEL STANDARD PC AND METAL MC RANGES

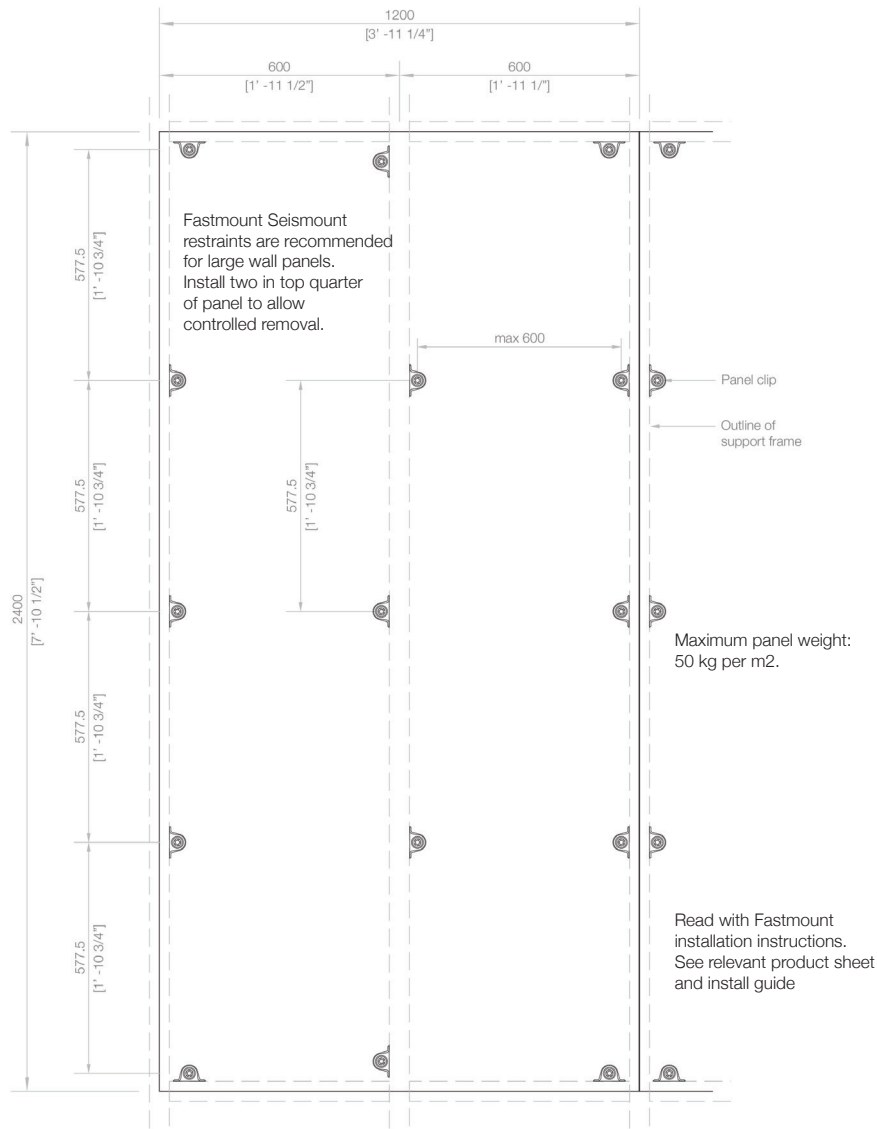
TD-12





# LAYOUT GUIDE FOR LARGE WALL PANEL STRATLOCK RANGE - SL-F15A & SL-SF15A

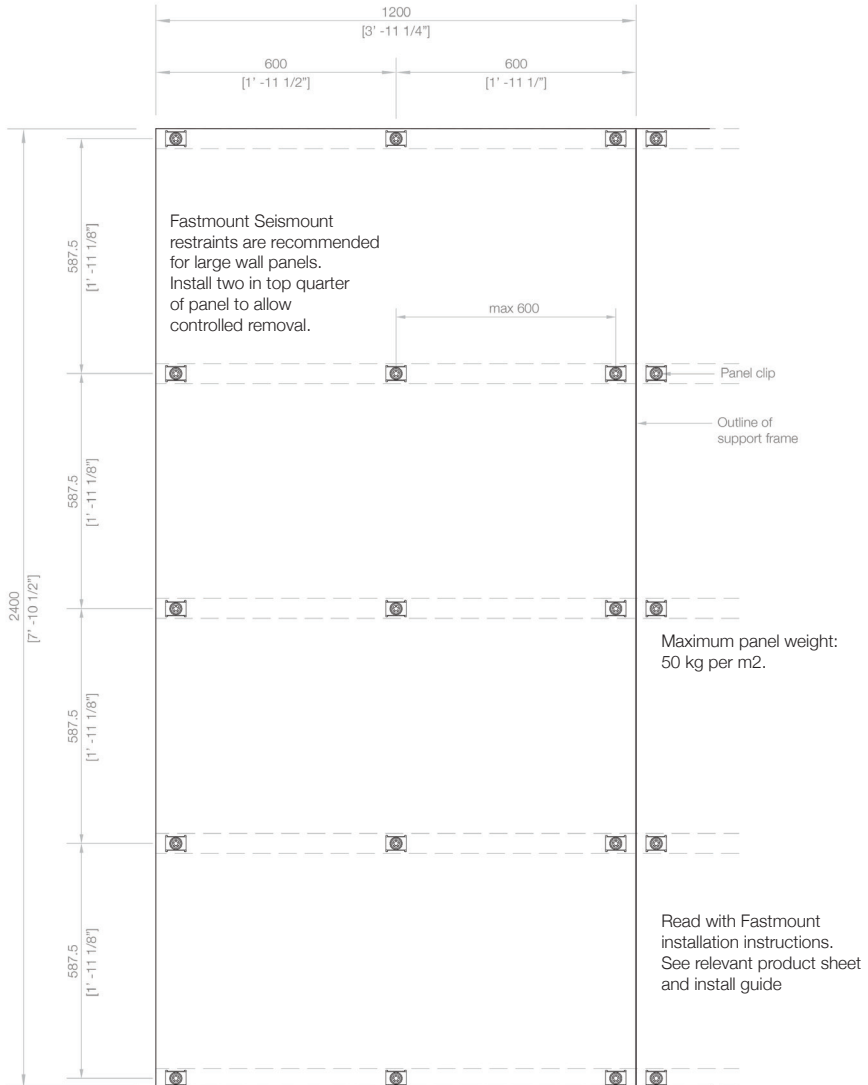
TD-15





# LAYOUT GUIDE FOR LARGE WALL PANEL STRATLOCK RANGE - SL-F15B

TD-16





# SELECTION GUIDE - ARCHITECTURAL

SUBSTRATE	Fibrous cement board	Exterior panel	PLYWOOD PANEL	MDF PANEL
TIMBER BATTENS OR FRAMES	N/A	N/A	PC-F1A + PC-VM1 PC-F1A + PC-M2H PC-F1A + PC-SM2H	PC-F1A + PC-VM1 PC-F1A + PC-M2H
STEEL FRAMES e.g. Rondo	N/A	N/A	PC-SF1 + PC-M1B PC-SF1 + PC-M2H PC-SF1 + PC-SM2 PC-SF1 + PC-SM2H	PC-SF1 + PC-M1B PC-SF1 + PC-SM2H
STEEL FRAMES (See page 64 for frame type)	N/A	N/A	SL-F15B + SL-M15 - screw fix	SL-F15B + SL-M15 - screw fix
ALUMINIUM (See Page 63 for frame type)	N/A	N/A	SL-F15A + SL-M15 with screw fix	SL-F15A + SL-M15 - with screw fix
CONCRETE	N/A	N/A	PC-DC1 + PC-F1A + PC-VM1 PC-DC1 + PC-F1A + PC-M2H PC-DC1 + PC-F1A + PC-SM2H	PC-DC1 + PC-F1A + PC-VM1 PC-DC1 + PC-F1A + PC-M2H
CONCRETE + TIMBER BATTEN	N/A	N/A	PC-F1A + PC-M2H PC-F1A + PC-SM2 PC-F1A + PC-SM2H	PC-F1A + PC-M2H PC-F1A + PC-SM2 PC-F1A + PC-SM2H
DRYWALL e.g. Gib Board	N/A	N/A	LP-DF8 + LP-M8A LP-DF8 + LP-SM8AS PC-DC1 + PC-F1A + PC-VM1 PC-DC1 + PC-F1A + PC-M2H PC-DC1 + PC-F1A + PC-SM2H	LP-DF8 + LP-M8A LP-DF8 + LP-SM8AS PC-DC1 + PC-F1A + PC-VM1 PC-DC1 + PC-F1A + PC-M2H
PLYWOOD, MDF	N/A	N/A	PC-F1A + PC-M1B PC-F1A + PC-M2H PC-F1A + PC-SM2 PC-F1A + PC-SM2H	PC-F1A + PC-M1B PC-F1A + PC-M2H PC-F1A + PC-SM2 PC-F1A + PC-SM2H

This Clip Selection Guide should be used as a general guide only. Please email [technical@fastmount.com](mailto:technical@fastmount.com) for more detailed advice if required. For overhead panels Fastmount strongly recommends a trial sample be made to prove compatibility of our systems with the panels and substrates in your project.





PARTICLE BOARD	ACOUSTIC PANEL	HONEYCOMB PANEL
PC-F1A + PC-VM1 PC-F1A + PC-M2H	LP-F8 + LP-SM8AS	LP-F8 + LP-SM8AS
PC-SF1 + PC-M1B PC-SF1 + PC-SM2H + glue thread	PC-SF1 + PC-SM2	PC-SF1 + PC-SM2
SL-F15B + SL-M15 with screw + adhesive fix	N/A	N/A
SL-F15A + SL-M15 with screw + adhesive fix	N/A	SL-F15A + SL-M15 - with adhesive fix
PC-DC1 + PC-F1A + PC-VM1 PC-DC1 + PC-F1A + PC-M2H	PC-DC1 + PC-F1A + PC-SM1AC	PC-DC1 + PC-F1A + PC-SM2 PC-DC1 + PC-F1A + PC-SM2H
PC-F1A + PC-M2H PC-F1A + PC-SM2 PC-F1A + PC-SM2H	<b>Must use</b> Timber batten + LP-F8 + LP-SM8AS	<b>Must use</b> Timber batten + LP-F8 + LP-SM8AS
LP-DF8 + LP-M8A LP-DF8 + LP-SM8AS PC-DC1 + PC-F1A + PC-VM1 PC-DC1 + PC-F1A + PC-M2H	LP-DF8 + LP-SM8AS with HMA (hot glue) PC-DC1 + PC-F1A + PC-SM1AC	LP-DF8 + LP-SM8AS - with epoxy glue PC-DC1 + PC-F1A + PC-SM2 PC-DC1 + PC-F1A + PC-SM2H
PC-F1A + PC-M1B PC-F1A + PC-M2H PC-F1A + PC-SM2 PC-F1A + PC-SM2H	LP-F8 + LP-SM8AS	LP-F8 + LP-SM8AS - with epoxy glue



# SELECTION GUIDE - MARINE

SUBSTRATE	PLYWOOD PANELS <6MM	PLYWOOD PANELS >6MM	SYNTHETIC PANELS (FOREX) <6MM
PLYWOOD FRAMES (or CNC cut plywood ceiling frame work)	PC-F1A/AF1/SF1 + PC-SM2 VL-F3 + VL-M3H LP-F8 + LP-SM8AS	PC-F1A + PC-M1B PC-F1A + M2H/SM2/SM2H/VM1/ VMX LP-F8 + LP-M8A/SM8A VL-F3 + VL-M3/M3H MC-M5 + MC-F5/F10	PC-F1A + PC-SM2 LP-F8 + LP-SM8AS VL-F3 + VL-M3H
ALUMINIUM FRAMES	PC-RF1/SF1 PC-SF1 + PC-SM2 VL-F3 + VL-M3H	PC-F1A/SF1/RF1 + PC-M1B/M2H/SM2/SM2H VM1 VMX VL-F3 + VL-M3/M3H MC-M5 + MC-F5/F10	PC-F1A + PC-SM2 LP-F8 + LP-SM8AS VL-F3 + VL-M3H
COMPOSITE SUBSTRATE	LP-DF8/F8 + LP-SM8AS VL-F3 + VL-M3H PC-SF1 + PC-SM2 PC-F1A + PC-SM2	PC-F1A/SF1/AF1 + PC-M1B/M2H/SM2/SM2H/VM1/ VMX VL-F3 + VL-M3/M3H MC-M5 + MC-F5/F10	PC-F1A/SF1/AF1 + PC-SM2 VL-F3 + VL-M3H
STEEL FRAMES	PC-SF1 + PC-SM2 VL-F3 + VL-M3H	PC-SF1/ RF1 + PC-SM2/SM2H VL-F3 + VL-M3/M3H MC-M5 + MC-F5/F10	PC-SF1/RF1 + PC-SM2 VL-F3 + VL-M3H

This Clip Selection Guide should be used as a general guide only. Please contact email [technical@fastmount.com](mailto:technical@fastmount.com) for more detailed advice if required. For overhead panels Fastmount strongly recommends a trial sample be made to prove compatibility of our systems with the panels and substrates in your project.




**SYNTHETIC PANELS  
(FOREX) <6MM**
**HONEYCOMB PANELS  
(ALUMINIUM)**
**COMPOSITE PANELS  
(FOAM CORE GRP)**

PC-F1A + PC-M1B/M2H/SM2/SM2H/ VM1/VMX LP-F8 + LP-M8A/SM8 VL-F3 + VL-M3/M3H MC-M5 + MC-F5/F10	PC-F1A + PC-SM2/SM2H LP-F8 + LP-SM8AS VL-F3 + VL-M3/M3H MC-M5 + MC-F5	PC-F1A /AF1/SF1 + PC-SM2/SM2H VL-F3 + VL-M3/M3H LP-F8 + LP-SM8AS
PC-F1A/SF1/RF1 + PC-M1B/M2H/SM2/SM2H/VM1/VMX VL-F3 + VL-M3/M3H MC-M5 + MC-F5/F10	PC-F1A/SF1/RF1 + PC-SM/SM2H VL-F3 + VL-M3/M3H MC-M5 + MC-F5	PC-RF1/SF1/F1A + PC-SM2 VL-F3 + VL-M3/M3H
PC-F1A/SF1/AF1 + PC-M1B/M2H/SM2/SM2H/VM1/VMX VL-F3 + VL-M3/M3H MC-M5 + MC-F5/F10	PC-F1A/ SF1 + PC-SM2 LP-DF8 + LP-SM8AS VL-F3 + VL-M3/M3H MC-M5 + MC-F5	LP-DF8/F8 + LP-SM8AS VL-F3 + VL-M3/M3H PC-AF1/SF1 + PC-SM2
PC-SF1/RF1 + PC-M1B/M2H/SM2/SM2H/VM1/VMX VL-F3 + VL-M3/M3H MC-M5 + MC-F5/F10	PC-SF1/RF1 + PC-SM2 VL-F3 + VL-M3/M3H MC-M5 + MC-F5	PC-SF1/RF1 + PC-SM2/SM2H VL-F3 + VL-M3/M3H MC-M5 + MC-F5/F10



# 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](http://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](mailto: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 Fastmount panel mounting 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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Supplying to thousands of companies in over 50 countries, the Fastmount® Panel Mounting System offers exceptional panel mounting solutions for the marine, architectural, aviation and recreational vehicle industries. Its global network of distributors ensures easy accessibility to the Fastmount system worldwide.

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