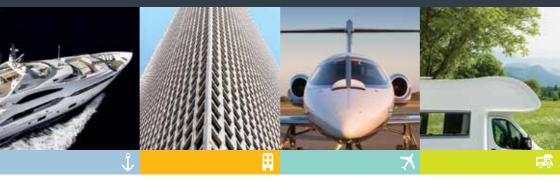# FASTMOUNT.COM
PANEL MOUNTING SYSTEMS

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.

PRODUCT CATALOGUE
TECHNICAL GUIDE **2018**

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.

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

MARINE   ARCHITECTURE   AVIATION   RV

TRY FASTMOUNT
Contact your local distributor or request a trial kit online.

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-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-F3** Female 5kg
VL-M3H Male - heavy duty 10kg **VL-F3H** Female - heavy duty 10kg
VL-M3FR Male - fire rated 10kg **VL-F3FR** Female - fire rated 10kg

TEXTILE TC RANGE

TC-F6 Textile female
TC-F6H Textile female - heavy duty 23kg
TC-M6 Textile male
TC-SM6 Textile male

METAL MC RANGE

MC-M5 Male 5kg **MC-F5** Female 5kg
MC-F10 Female - heavy duty 10kg

The secret behind a perfect finish.

• **PC-F1A + PC-M1B**

Panel mounting solution:
PC-F1A - substrate
PC-M1B - panel

Contents

FASTMOUNT.com
PANEL MOUNTING SYSTEMS

Welcome to Fastmount panel mounting solutions.

· LP-SM8AS + LP-F8

· MC-M5 + MC-F5

Panel mounting solution:
LP-SM8AS - wall panel
LP-F8 - substrate
MC-M5 - floor panel
MC-F5 - substrate

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 24, 35-42 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 25, 35-42 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 26, 35-42 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 26, 35-42 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 27, 35-42 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 28, 35-42 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, PC-RF1 and PC-AF1. Glue fix with Fastmount SuperGroove Adhesive or other suitable epoxy glue. No special tools required for installation.

NEW PRODUCT

See pages 33-42 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. Install with CT-03.

See pages 23, 35, 36 for more technical details.

PC-DC1 STANDARD FEMALE ANCHOR
Female adjustable anchor which houses the Standard Range 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. Anchor and clips sold separately.

NEW PRODUCT

See pages 32, 41, 42 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 31, 39, 40 for more technical details.

PC-RF1-B STANDARD SIDE MOUNT FEMALE CLIP (BROWN)
Female side mounting screw fix clip suitable for various side mounting applications.

Compatible with male clips PC-M1B, PC-M2H, PC-SM2, PC-SM2H, PC-VM1, PC-VMX and PC-SM1AC. Screw fix to frame. Use CT-18 install jig for ceiling applications.

See pages 29, 38 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 pre-drilled 35mm hole. No special tools required for installation.

See page 30 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-05
CT-08	CT-06S	CT-09DG	CT-18DG	CT-17

Change panels whenever you want.

ASB Bank, New Zealand

· **LP-DF8 + LP-SM8AS**

Panel mounting solution:
LP-DF8 - drywall
LP-SM8AS - 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 and LP-DF8. 5kg pull out load per clip. Screws into 10mm hole with CT-09. Install with CT-10.

See pages 43-49 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 and LP-DF8. 5kg pull out load per clip. Screw or glue fix with Fastmount SuperGroove Adhesive. No special tools required for installation.

See pages 43-50 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. Install with CT-19 into 25-25.4mm hole.

See pages 43, 48-50 for more technical details.

LP-DF8 LOW PROFILE SELF TAPPING FEMALE CLIP COARSE TREAD
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 45-47, 50 for more technical details.

LP-AF8 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 and LP-SM8AS. Screw or glue fix with Fastmount SuperGroove Adhesive into pre-drilled 35mm hole.

See pages 44, 50 for more technical details.

LOW PROFILE RANGE FASTMOUNT TOOLS

CP-08ST	CT-01	CT-09	CT-10	CT-19

CT-20	CT-22	CT-05	CT-17	CT-09DG

LP-08Y

VL

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.

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 51, 53 for more technical details.

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 51, 53 for more technical details.

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 51-53 for more technical details.

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 51, 53 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 51, 53 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.
See page 52, 53 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.
See page 52, 53 for more technical details.

VERY LOW PROFILE RANGE FASTMOUNT TOOLS

VL-CP3	CT-05	CT-17

MC

PS

METAL RANGE MC RANGE

PANELSAFE PS 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.

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 and MC 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.

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 55 - 58 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 55, 57, 58 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 56 - 58 for more technical details.

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 59, 63, 64 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 60, 65, 66 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 62, 65, 66 for more technical details.

METAL RANGE FASTMOUNT TOOLS

MC-CP5	CT-09	MC-IT5	CT-22	CT-05	CT-17

PANELSAFE RANGE FASTMOUNT TOOLS

CT-07	CT-03	CT-10	CT-22

TC

TEXTILE TC RANGE

Soft furnishings, fitted hard and fast.

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.

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

See pages 67, 69-73 for more technical details.

TC-F6H TEXTILE CLIP FEMALE HEAVY DUTY 23KG
Heavy-duty female clip with quick aligning, secure slide-lock function. Stitches onto upholstery during construction process. 23kg break out load.

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

See pages 68-70, 74 for more technical details.

NEW PRODUCT

TC-M6 TEXTILE CLIP MALE - SCREW FIX
White screw fix male for use with #6 screw. UV resistant.

See pages 67-69, 72, 73 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.

See pages 67, 68, 70, 71, 73, 74 for more technical details.
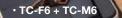
• TC-F6 + TC-M6

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 72.

TC-R6
Plastic removal tool for releasing multiple TC-F6 female clips.

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

Panel mounting solution:
TC-F6 - 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 and LP-DF8.

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. Fits into both VL-F3 and VL-M3.

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.

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.

CT-09DG DRILL GAUGE FOR USE WITH CT-09 DRILL BIT
Designed for depth control when blind drilling or Standard and Low Profile Range male clips. Machined aluminium housing, anodised red for durability.

NOTE: Sold separately to CT-09.

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

See install guides and video for correct use.

NEW PRODUCT

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-20 INSTALL TOOL LOW PROFILE RANGE (PLASTIC)
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-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-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

TRIAL KITS

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** 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-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.

CD-MC5
A5 SAMPLE PANEL FOR METAL RANGE

Demonstration panel for Metal Range clips with MC-F5, MC-F10 and MC-M5.

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 CP-08ST
4 x LP-AF8A	LP-08Y
8 x LP-M8A	

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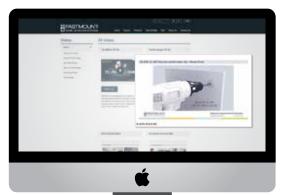
Fastmount clips can be used on wall panels and ceiling panels, as well as seating, headboards and inspection hatches. Any place where panels are required to be fitted with removable option and invisible fixings.

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

There are five 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 82 or send details of your project with panel type, size, weight and substrate to **technical@fastmount.com** for further support.

All installation guides are available for download in PDF format at **fastmount.com**, where step-by-step install videos are also available to view.

STANDARD PC RANGE

PC

PC-F1A Self Tapping Female

INDUSTRY FIT:

SPECIFICATIONS:

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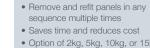
The self tapping PC-F1A female clip works with the all Standard range male clips. Designed for adhesive fix, heavy duty, high shear strength or variable gap requirements.

PC-F1A

USE WITH:

PC-M2H   PC-VM1   PC-SM2

PC-DC1   PC-M1B   PC-VMX   PC-SM2H   PC-SM1AC

MATERIAL:
White acetal
copolymer

MORE INFO:
Installation Guide FM IG_PC-F1A, PC-DC1
Clip Layout Guide FM 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
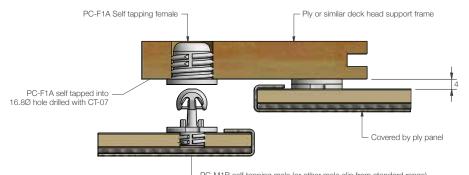
APPLICATIONS
• Covered, painted and prefinished panels
• Ceiling and wall panels
• Exterior panels
• Refits and upgrades of existing installations
• Variety of substrates
• Composites and thin-walled panels
• Fits into PC-DC1 for installation into drywall and concrete

INSTALLATION: Partially exploded through section showing typical installation method

PC-F1A Self tapping female

Ply or similar deck head support frame

PC-F1A self tapped into 16.8Ø hole drilled with CT-07

4

Covered by ply panel

PC-M1B self tapping male (or other male clip from standard range)

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 FM IG_PC-F1A, SF1, RF1
Clip Layout Guide FM TD-02, 09, 12
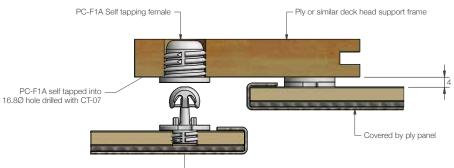
BENEFITS
• Self-aligning installation without adhesives
• Perfect panel alignment secure mounting every time
• Remove and refit panels in any sequence 100+ times
• Saves time and reduces cost
• Allows for flexing and expansion of panel and support frame materials
• 5kg pull out load

APPLICATIONS
• Covered or painted panels with minimum 8mm thickness
• Ceiling and wall panels
• Exterior deckhead panels
• Refits and upgrades of existing installation
• Variety of substrates

INSTALLATION: Partially exploded through section showing typical installation method

PC-F1A Self tapping female

Ply or similar deck head support frame

PC-F1A self tapped into 16.8Ø hole drilled with CT-07

4

Covered by ply panel

PC-M1B self tapping male (or other male clip from standard range)

STANDARD PC RANGE

PC

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 FM IG_PC-F1A, SF1, RF1
Clip Layout Guide FM TD-02, 09, 12
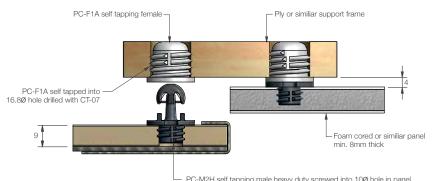
BENEFITS
- Self-aligning installation without adhesives
- Perfect panel alignment secure mounting every time
- Remove and refit panels in any sequence 100+ times
- Saves time and reduces cost
- 10kg pull out load per clip
- Allows for flexing and expansion of panel and support frame materials

APPLICATIONS
- Covered or painted panels with minimum 8mm thickness
- Ceiling and wall panels
- Exterior deckhead panels
- Refits and upgrades of existing installation
- Variety of substrates

INSTALLATION: Partially exploded through section showing typical installation method

PC-F1A self tapping female

Ply or similiar support frame

PC-F1A self tapped into 16.8Ø hole drilled with CT-07

4

9

Foam cored or similiar panel min. 8mm thick

PC-M2H self tapping male heavy duty screwed into 10Ø hole in panel

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

INDUSTRY FIT:

SPECIFICATIONS:

STANDARD PC RANGE

The Fastmount self tapping clip PC-VM1 and PC-VMX add to the existing range. Designed for variable gap, high shear strength applications.

PC-VM1

USE WITH:

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

PC-VMX 15kg

MATERIAL:
White acetal copolymer/Nylon GF

MORE INFO:
Installation Guide FM IG_PC-F1A, SF1, RF1
Clip Layout Guide FM TD-02, TD-08
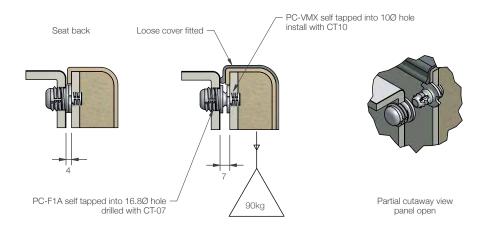
BENEFITS
- Variable clipping depth
- High shear load (50kg/clipset)
- Remove and refit panels in any sequence multiple times
- Perfect panel alignment and secure mounting every time
- 5kg or 15kg pull out load per clip
- Durable design for frequent handling

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

Seat back

Loose cover fitted

PC-VMX self tapped into 10Ø hole install with CT10

4

7

PC-F1A self tapped into 16.8Ø hole drilled with CT-07

90kg

Partial cutaway view panel open

STANDARD PC RANGE

PC

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® mechanically engage 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 FM IG_PC-F1A, SF1, RF1
Clip Layout Guide FM 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 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-F1A clip screwed into support frame

PC-SF1 clip screw fixed

SuperGrooves shown without glue

15

A (2:1)

A

Panel glued to PC-SM2
- Thin prefinished panels
- Panels to be mounted with no drilling
- Soft cored or thin faced panels

FM SuperGroove Adhesive applied to PC-SM2 flows around SuperGrooves

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 SuperGroove® mechanically engage into Fastmount SuperGroove Adhesive for secure mounting.

PC-SM2H   10kg

USE WITH:
PC-F1A   PC-RF1   PC-SF1   PC-AF1

MATERIAL:
Black acetal
copolymer

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

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

INSTALLATION: Partially exploded through section showing typical installation method

PC-F1A clip screwed into support frame

PC-SF1 clip screw fixed

SuperGrooves shown without glue

15

B (2:1)

B

FM SuperGroove Adhesive applied to PC-SM2H flows around SuperGrooves

Panel glued to PC-SM2H
heavy duty version of PC-SM2

STANDARD PC RANGE

PC

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-SM1AC

PC-M2H   PC-VMX   PC-SM2H

MATERIAL:
Brown acetal
copolymer

MORE INFO:
Installation Guide FM IG_PC-RF1
Clip Layout Guide FM TD-02, 09, 12
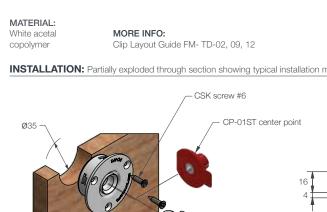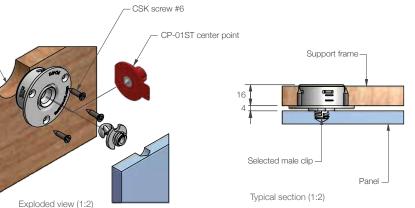
BENEFITS
- Side mounting
- Installation requires no special tools
- Screw fixed to frame
- Several mounting options
- Works with existing Standard range Fastmount clips
- Allows for flexing and expansion of panel and support
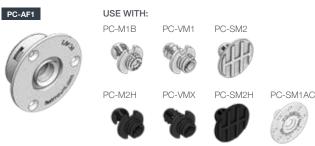
APPLICATIONS
- Ceiling, wall and exterior panels
- Cabinet assembly and shelf support
- Refits and upgrades of existing installations
- Variety of substrates
- Floor panels
- Inspection hatches

INSTALLATION: Partially exploded through section showing typical installation method

- PC-RF1
- Screw fix CSK #6
- Ply or similar support frame
- 2
- Covered panel
- PC-M1B self tapping male, or PC-SM2, PC-M2H, PC-VMX

- PC-RF1

Corner detail at cabinet or shelf

PC-AF1 Autofit Female

INDUSTRY FIT:

SPECIFICATIONS:

STANDARD PC RANGE

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.

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 FM- 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, wall and exterior panels
- Mounting of curved panels
- Variety of substrates
- Moulded into hull

INSTALLATION: Partially exploded through section showing typical installation method

- CSK screw #6
- CP-01ST center point
- Ø35
- Support frame
- 16
- 4
- Selected male clip
- Panel
- Exploded view (1:2)
- Typical section (1:2)

STANDARD PC RANGE

PC

PRODUCT SHEET

PC-SF1 Surface Mount Female Screw Fix

INDUSTRY FIT:

STANDARD PC RANGE

SPECIFICATIONS:

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
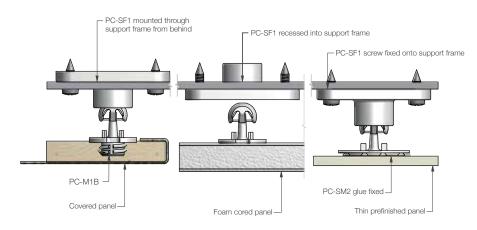
MORE INFO:
Installation Guide FM- IG_PC-SF1
Clip Layout Guide FM-TD-02, 09, 12

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-SF1 mounted through support frame from behind

PC-SF1 recessed into support frame

PC-SF1 screw fixed onto support frame

PC-M1B

Covered panel

Foam cored panel

PC-SM2 glue fixed

Thin prefinished panel

PC-DC1 Female Anchor

INDUSTRY FIT:

STANDARD PC RANGE

SPECIFICATIONS:

The PC-DC1 is an adjustable female anchor which houses the PC-F1A to enable efficient mounting into drywall or concrete substrates. Features a self-tapping installation for drywall and the option to hammer-set into pre-drilled 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

USE WITH:

PC-M1B   PC-VM1   PC-SM2

PC-M2H   PC-VMX   PC-SM2H   PC-SM1AC

PAIRS WITH:
PC-F1A

MATERIAL:
White acetal copolymer

MORE INFO:
Installation Guide IG_PC-DC1
Clip Layout Guide FM TD-09

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 blockwall
- Applying acoustic panels to blockwall
- Applying various panel types to concrete or drywall

INSTALLATION: Partially exploded through section showing typical installation method

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

PC-DC1 installed into 26mm hole in concrete wall

PC-F1A installed into PC-DC1 showing transverse adjustment

PC-F1A installed into PC-DC1 showing transverse adjustment

PC-M1B self-tapped into decorative panel

PC-M1B self-tapped into decorative panel

PC

STANDARD PC RANGE

Total control.

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.

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

PC-SM1AC

USE WITH:

PC-F1A   PCRF1

PC-SF1   PC-AF1
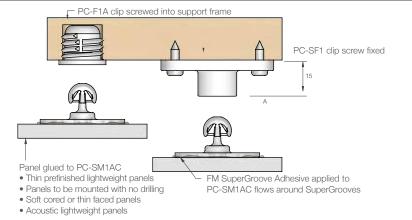
APPLICATIONS
- Mounting extremely lightweight panels or acoustic panels
- Soft, low density panels - polyester fibre type, foam.
- Ideal for office retro-fits

MATERIAL:
Super flexible copolymer

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

INSTALLATION: Partially exploded through section showing typical installation method

PC-F1A clip screwed into support frame

PC-SF1 clip screw fixed

15

A

Panel glued to PC-SM1AC
- Thin prefinished lightweight panels
- Panels to be mounted with no drilling
- Soft cored or thin faced panels
- Acoustic lightweight panels

FM SuperGroove Adhesive applied to PC-SM1AC flows around SuperGrooves

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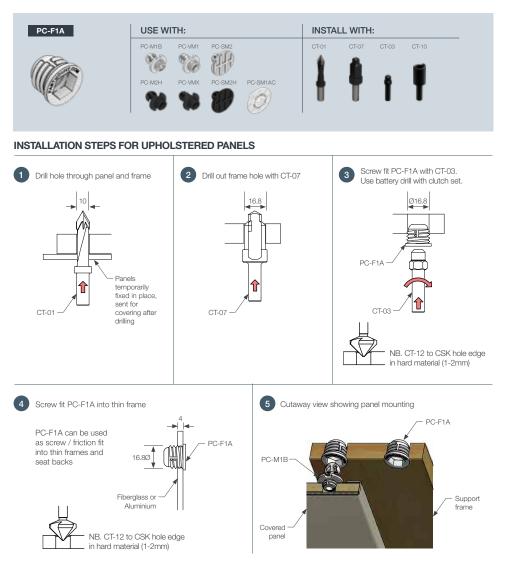
Panel mounting solution:
PC-SM1AC - acoustic panel
PC-F1A - substrate

PC

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

10

Panels temporarily fixed in place, sent for covering after drilling

CT-01

2 Drill out frame hole with CT-07

16.8

CT-07

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

Ø16.8

PC-F1A

CT-03

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

4 Screw fit PC-F1A into thin frame

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

4

16.8Ø

PC-F1A

Fiberglass or Aluminium

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

5 Cutaway view showing panel mounting

PC-F1A

PC-M1B

Support frame

Covered panel

PC-F1A Self Tapping Female

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

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

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

PC-F1A

CP-01ST

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

10

10

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

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

CT-10

10Ø hole

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

4 Clip PC-SM2 into PC-F1A

PC-SM2 or PC-SM2H

5 Apply adhesive to PC-SM2

PC-F1A

FM SuperGroove® Adhesive

5 Place panel and support while adhesive dries

Panel propped in place

· PC-RF1
· PC-M2H

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

PC

STANDARD PC RANGE

INSTALLATION GUIDE

PC-RF1 Side Mount Female

PC-RF1	USE WITH:			INSTALL WITH:			
	PC-M1B	PC-VM1	PC-SM2	CP-01ST	CT-09	CT-10	CT-18DG
	PC-M2H	PC-VMX	PC-SM2H	PC-SM1AC			

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
Break off setting tabs as required		
4 Drill panel on mark with CT-09	**5** Screw fit male clip with CT-10	**6** Panel clipped in place
10 / 10	CT-10	PC-RF1 / 1

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
PC-SM2	FM SuperGroove® Adhesive	Panel propped in place

MORE INFO: Clip Layout Guide TD-02

STANDARD PC RANGE

PC

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

PC-SF1
PC-SF1
Support frame
PC-M1B
PC-SF1
PC-SM2
Covered panel

MORE INFO: Clip Layout Guide TD-02

PC-SF1 Surface Mount Female

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

INSTALLATION STEPS

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

PC-F1A
CP-01ST

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

10
10

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

CT-10
10Ø hole
NB. CT-12 to CSK hole edge
in hard material (1-2mm)

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

4 Clip PC-SM2 into PC-SF1

PC-SF1
PC-SM2H
or PC-SM2

5 Apply adhesive to PC-SM2

FM SuperGroove®
Adhesive

6 Place panel and support
while adhesive dries

Panel propped
in place

MORE INFO: Clip Layout Guide TD-02

STANDARD PC RANGE

PC

PC-DC1 Female Anchor - Drywall

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

INSTALLATION STEPS FOR DRYWALL

1 Drill 24mm hole into drywall

24
Drywall
24mm holesaw

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

PC-F1A

3 Screw set into drywall using low clutch setting and speed

Set (PC-DC1 & PC-F1A)
CT-03

4 Adjust depth to suit

6
Maximum depth 6mm
CT-03

5 Fit CP-01ST into PC-F1A

CP-01ST
Press panel onto CP-01ST to mark position

6 Drill out mark on panel with CT-09

CT-09DG
FASTMOUNT
CT-09
Panel

7 Screw fit male clip with CT-10

CT-10 PC-M1B
Panel

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

PC-DC1 Female Anchor - Concrete

PC-DC1	USE WITH:	INSTALL WITH:
	PC-F1A	26mm masonry drill CP-01ST CT-03 CT-09 CT-09DG Rubber hammer
	PC-M1B PC-VM1 PC-SM2 PC-M2H PC-VMX PC-SM2H PC-SM1AC	

INSTALLATION STEPS FOR CONCRETE

1 Drill 26mm hole, 16mm deep

26 16
Masonry drill

2 Hammer-set flush

PC-DC1
Rubber hammer

3 Screw PC-F1A into PC-DC1

PC-DC1
PC-F1A
CT-03

4 Adjust depth to suit

6
Maximum depth 6mm
CT-03

5 Fit CP-01ST into PC-F1A

CP-01ST
Press panel onto CP-01ST to mark position

6 Drill out mark on panel with CT-09

CT-09DG
FASTMOUNT
CT-09
Panel

7 Screw fit male clip with CT-10

CT-10 PC-M1B
Panel

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

LOW PROFILE LP RANGE

LP

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 subtrates and is used with male Low Profile clips, centre point and install tools.

LP-F8

USE WITH:

LP-M8A   LP-SM8AS

MATERIAL:
White acetal copolymer

MORE INFO:
Installation Guide FM-IG LP-F8
Clip Layout Guide FM-TD-02, FM-08
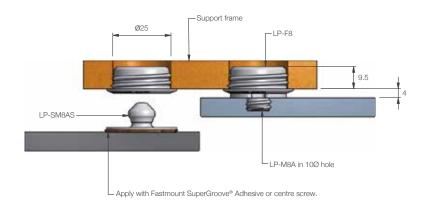
BENEFITS
• Hidden fixing
• Self taps into plywood from 9mm thick
• Perfect panel alignment and secure secure mounting every time
• Remove and refit panels in any sequence multiple times
• 5kg pull out load per clip
• Allows for flexing and expansion of panel and support frame

APPLICATIONS
• Suitable for covered, painted and prefinished panels
• Acoustic panels
• Refits and upgrades of existing installations
• Bedheads, artwork
• Composites and thin-walled panels

INSTALLATION: Partially exploded through section showing typical installation method

Ø25
Support frame
LP-F8
9.5
4
LP-SM8AS
LP-M8A in 10Ø hole
Apply with Fastmount SuperGroove® Adhesive or centre screw.
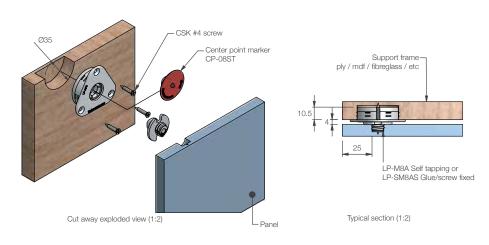
LP-AF8A Low Profile Autofit Female

INDUSTRY 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

MATERIAL:
White acetal copolymer

MORE INFO:
Layout Guide FM TD-02, FM 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 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

Ø35
CSK #4 screw
Center point marker CP-08ST
Support frame ply / mdf / fibreglass / etc
10.5
4
25
LP-M8A Self tapping or LP-SM8AS Glue/screw fixed
Cut away exploded view (1:2)
Panel
Typical section (1:2)

LOW PROFILE LP RANGE

LP

LP-DF8 Tapping Coarse Thread Female

INDUSTRY FIT:

SPECIFICATIONS: (Page 1 of 2)

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

USE WITH:
LP-M8A   LP-SM8AS

MATERIAL:
White acetal copolymer

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

12
4
Drywall
Plasterboard (drywall)
Support frame
13
Panel (painted, covered etc.)
25Ø hole
LP-DF8   LP-M8A or LP-SM8AS
Panel with 10Ø blind hole

LP-DF8 Tapping Coarse Thread Female

INDUSTRY FIT:

SPECIFICATIONS: (Page 2 of 2)

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. Available in ranges of interchangeable clips, for different applications.

LP-DF8

USE WITH:
LP-M8A   LP-SM8AS

MATERIAL:
White acetal copolymer

MORE INFO:
Installation Guide LP-DF8
Clip Layout Guide TD-02, TD-08
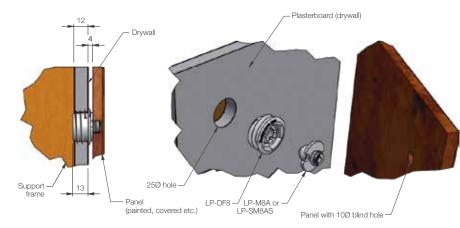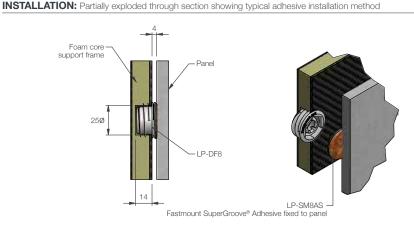
BENEFITS
- Hidden fixing
- Self taps into drywall plasterboard from 10mm thick
- Perfect panel alignment with secure mounting every time
- Remove and refit panels in any sequence multiple times
- 5kg pull out load per clip
- Allows for flexing and expansion of panel

APPLICATIONS
- Suitable for covered or painted and prefinished panels
- Acoustic panels
- Refits and upgrades of existing installations
- Bed heads, artwork

INSTALLATION: Partially exploded through section showing typical adhesive installation method

4
Foam core support frame
Panel
25Ø
LP-DF8
14
LP-SM8AS
Fastmount SuperGroove® Adhesive fixed to panel

LOW PROFILE LP RANGE

LP

LP-DF8 Low Profile Drywall Self Tapping Coarse Thread Female

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

INSTALLATION STEPS

1 Drill 25Ø hole in drywall plasterboard

13 — Steel stud — 13mm Plasterboard

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

LP-DF8 — CT-19

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

LP-DF8 — CP-08ST

4 Press panel onto CP-08ST to mark

5 Drill panel on mark with CT-09

6 — 10

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

CT-10 — LP-SM8AS

A Cutaway view of installed clip

13mm Plasterboard or drywall — Selected panel

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

LP-F8 Low Profile Self Tapping Female

LP-F8	USE WITH:	INSTALL WITH:
	LP-M8A LP-SM8AS	CP-08ST CT-09 CT-10 CT-19
		25Ø drill

INSTALLATION STEPS

1 Drill 25Ø hole in frame

12 — 25mm drill bit

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

LP-F8 — CT-20

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

CP-08ST

4 Press panel onto CP-08ST to mark

5 Drill panel on mark with CT-09

6 — 10

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

CT-10

A Cutaway view of installed clip

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

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

LOW PROFILE LP RANGE

LP

LP-F8 Low Profile Self Tapping Female

LP-F8	USE WITH:	INSTALL WITH:
	LP-M8A LP-SM8As	CT-19
		25Ø drill

INSTALLATION STEPS Adhesive fix option

1 Drill 25Ø hole in frame

12 · 25mm drill bit

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

LP-F8 · CT-20

3 Fit LP-SM8AS into LP-F8

LP-F8 · LP-SM8AS

4 Adhesive to LP-SM8AS

FM SuperGroove® Adhesive

5 Drill panel on mark with CT-09

A Cutaway view of installed clip (panel removed)

Frame · Panel

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

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

LP-SM8AS Low Profile Surface Mount Male

LP-SM8AS	USE WITH:	INSTALL WITH:
Reverse	LP-F8 LP-DF8 LP-AF8A	SuperGroove® adhesive

INSTALLATION STEPS Glue on option

1 Drill 25Ø hole in frame

12 · 25mm drill bit

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

LP-F8 · CT-20

3 Fit LP-SM8AS into LP-F8

LP-F8 · LP-SM8AS

4 Adhesive to LP-SM8AS

FM SuperGroove® Adhesive

5 Drill panel on mark with CT-09

A Cutaway view of installed clip (panel removed)

Frame · Panel

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

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

VERY LOW PROFILE VL RANGE

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

INDUSTRY FIT:

SPECIFICATIONS:

VERY LOW PROFILE VL RANGE

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.

VL-03 5kg

VL-M3

VL-F3

VL-03H 10kg

VL-M3H

VL-F3H

MATERIAL:
Grey or black acetal / nylon GF

MORE INFO:
Installation Guide IG VL-03
Clip Layout Guide TD-02, 08, 09
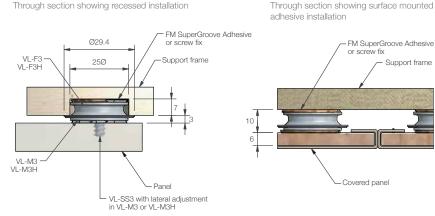
BENEFITS
• Self-aligning secure mounting
• Installation requires no special tools or skilled labour
• Uses a range of adhesives to suit the customer
• Fast installation
• 5kg or 10kg pull out load
• Clip lead in for easy fitting
• Can be screw fixed with lateral adjustment, or glue fixed

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

Ø29.4

VL-F3
VL-F3H

25Ø

FM SuperGroove Adhesive or screw fix

Support frame

7

3

VL-M3
VL-M3H

Panel

VL-SS3 with lateral adjustment in VL-M3 or VL-M3H

FM SuperGroove Adhesive or screw fix

Support frame

10

6

Covered panel

VERY LOW PROFILE VL RANGE

VL-03FR Very Low Profile Clip Set Fire Rated

INDUSTRY FIT:

SPECIFICATIONS:

VERY LOW PROFILE VL RANGE

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.

VL-03FR 10kg

VL-M3FR

VL-F3FR

MATERIAL:
PBT

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

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

Through section showing screw fix installation

Screw fix

Support frame

10

6

Fire rated panel

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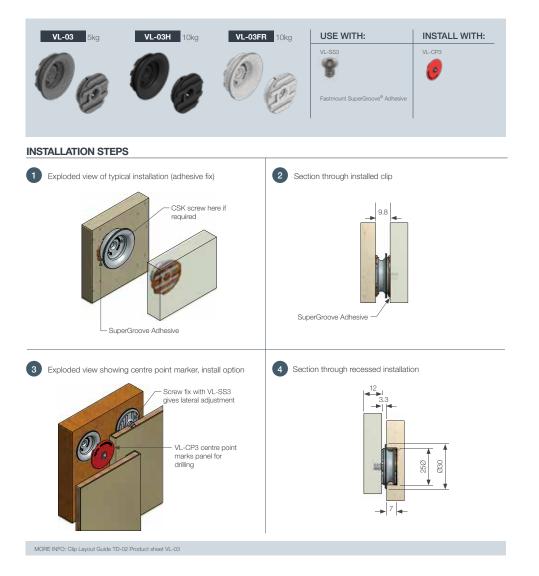
VL-03, VL-03H & VL-03 FR Very Low Profile Clip Set

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

INSTALLATION STEPS

1 Exploded view of typical installation (adhesive fix)

CSK screw here if required

SuperGroove Adhesive

2 Section through installed clip

9.8

SuperGroove Adhesive

3 Exploded view showing centre point marker, install option

Screw fix with VL-SS3 gives lateral adjustment

VL-CP3 centre point marks panel for drilling

4 Section through recessed installation

12
3.3
25Ø
Ø30
7

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 clip set.

Baltic Yachts 108 WinWin, Photo: Jeff Brown

Panel mounting solution:
VL-M3FR - panel
VL-F3FR - substrate
VL-SS3 - screw fixed

METAL MC RANGE

MC

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.

White centre 5kg load

MC-F5

MC-M5

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

MATERIAL:
EZDA 3 triple plated, SS spring

MORE INFO:
Installation Guide FM IG_MC-05
Clip Layout Guide FM TD-02, 09, 12

INSTALLATION: Partially exploded through section showing typical installation method

Support frame (6mm alum. shown)

Panel

MC-F5

Ø21

#4 gauge CSK screw

13

4

10

Panel

MC-M5

Cutaway exploded view (nts)

Typical section (1:1)

MC-10 Metal Clip Set MC-F10+MC-M5

INDUSTRY FIT:

SPECIFICATIONS:

METAL MC RANGE
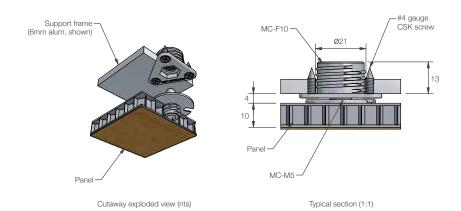
The Fastmount MC-F10 metal clip is designed for demanding applications that require fire protection and heavier load bearing. This versatile metal clip can be used in conjunction with our standard range clips.
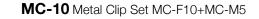
Black centre 10kg load

MC-F10

MC-M5

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
- Fire rated panels
- Panels in fire egress paths
- Ceiling, wall and exterior panels
- Mounting of curved panels
- Install into a variety of substrates

MATERIAL:
EZDA 3 triple plated, SS spring

MORE INFO:
Installation Guide FM IG_MC-05
Clip Layout Guide FM TD-02, 09, 12

INSTALLATION: Partially exploded through section showing typical installation method

Support frame (6mm alum. shown)

Panel

MC-F10

Ø21

#4 gauge CSK screw

13

4

10

Panel

MC-M5

Cutaway exploded view (nts)
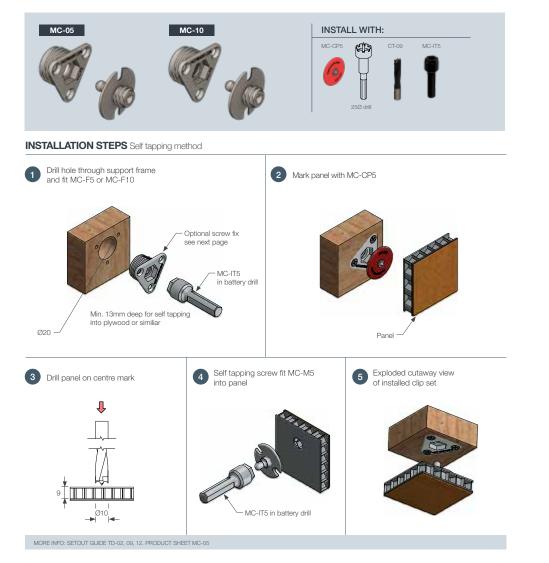
Typical section (1:1)

METAL MC RANGE

MC
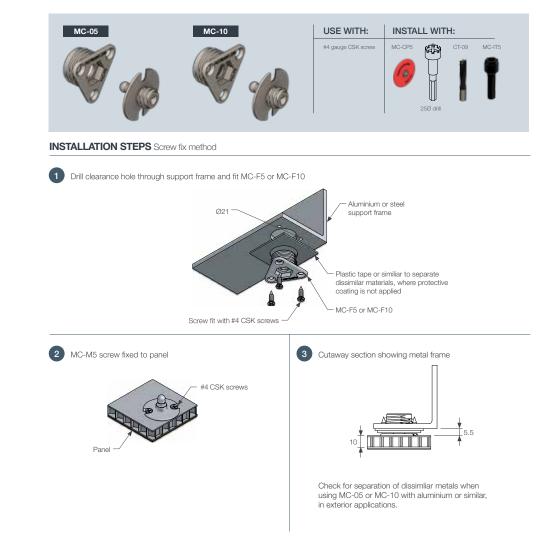
INSTALLATION GUIDE

MC-05 & MC-10 Metal Clip Set

MC-05	MC-10	INSTALL WITH:
		MC-CP5 CT-09 MC-IT5
		25Ø drill

INSTALLATION STEPS Self tapping method

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

Optional screw fix see next page

MC-IT5 in battery drill

Min. 13mm deep for self tapping into plywood or similiar

Ø20

2 Mark panel with MC-CP5

Panel

3 Drill panel on centre mark

9

Ø10

4 Self tapping screw fit MC-M5 into panel

MC-IT5 in battery drill

5 Exploded cutaway view of installed clip set

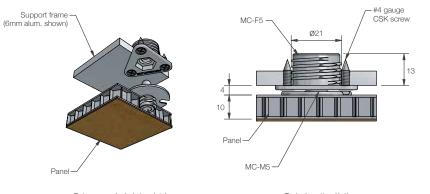MORE INFO: SETOUT GUIDE TD-02, 09, 12. PRODUCT SHEET MC-05

MC-05 & MC-10 Maxi Metal Clip Set

MC-05	MC-10	USE WITH:	INSTALL WITH:
		#4 gauge CSK screw	MC-CP5 CT-09 MC-IT5
			25Ø drill

INSTALLATION STEPS Screw fix method

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

Ø21

Aluminium or steel support frame

Plastic tape or similiar to separate dissimilar materials, where protective coating is not applied

MC-F5 or MC-F10

Screw fit with #4 CSK screws

2 MC-M5 screw fixed to panel

#4 CSK screws

Panel

3 Cutaway section showing metal frame

10

5.5

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

PS

PANELSAFE PS RANGE

PS-150 PanelSafe - Self Tapping Male

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

PS-150

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-150
Clip Layout Guide PS-150 page 64

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

Support frame
SS wire, selected length
35
4
Panel
PS-150

Cut away view, panel open
SS Screw to release panel

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 FM IG PS-150E
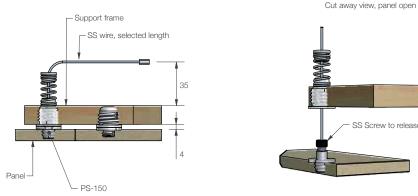Clip Layout Guide FM IG PS-150E page 66

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

Foam pad
Support frame
SS wire, selected length
4
Panel using Fastmount
PS-150E Self tapping base

Clearance hole min. 10Ø
Cut away view panel open
SS Screw release

PANELSAFE PS RANGE

PS-S150E PanelSafe Easy Fit - Surface Mount

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.
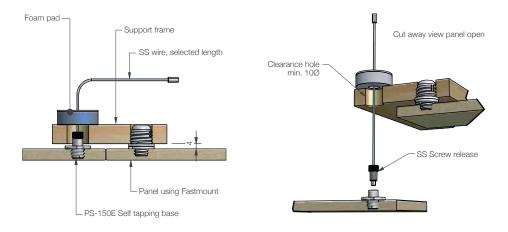
PS-S150E
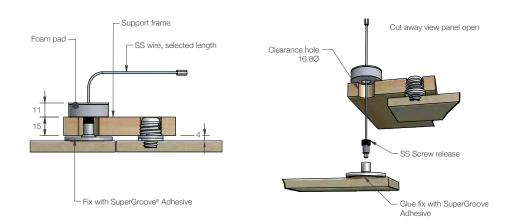
USE WITH:
PC Standard Range
LP Low Profile Range
VL Very Low Profile Range
MC Metal Range

MORE INFO:
Installation Guide PS-150E
Clip Layout Guide PS-150E page 66

MATERIAL:
Aluminium and stainless steel

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

Support frame
Foam pad
SS wire, selected length
11
15
4
Fix with SuperGroove® Adhesive

Cut away view panel open
Clearance hole 16.8Ø
SS Screw release
Glue fix with SuperGroove Adhesive

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.

PANELSAFE PS RANGE

PS-150 PanelSafe Restraint System

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

INSTALLATION STEPS Page 1

1 Drill hole through panel and frame

10   16.8

CT-07

2 Screw PanelSafe in 16.8Ø hole

CT-03

3 Fit CP-01ST into PanelSafe to mark panel

4 Drill panel on center mark 7.5mm deep

10
10

5 Screw fit PS-M with CT-10

Use battery drill with clutch set

CT-10

PS-M

Use adhesive for additional strength in soft panels

Frame

Panel

SS screw to attach and release panel

6 Completed installation

35mm

SS wire bent over in ceiling cavity

9

4

PS-150   PC-01

PS-150 PanelSafe Restraint System

PS-150	USE WITH:	INSTALL WITH:
	PC Standard Range **LP** Low Profile Range **VL** Very Low Profile Range **MC** Metal Range	CT-03 CT-10

INSTALLATION STEPS Page 2

A Plan view of panel from above with 4 x PanelSafe

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

Typical Fastmount clip set-out

50   225   225

Support frame

48
284
284
400
1000 PanelSafe
400

1800 Panel

1000 Panel   Panel

PanelSafe location at 1/4 points on panel

B End view with panel down

C End view with panel down

Release 1 x PanelSafe to hinge panel down

PANELSAFE PS RANGE

PS

INSTALLATION GUIDE

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

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

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

Screws in

Self tapping with PS-150E male

6 Completed installation

Drill to 16.8Ø with CT-07

Surface mount with PS-S150E

4

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

PS-150E	PS-S150E

INSTALLATION STEP OPTIONS

A Plan view of panel from above with 4 x PanelSafe

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

Typical Fastmount clip set-out
50 225   225
Support frame
400
48
284
284
1000 PanelSafe
1800 Panel
400
1000 Panel
Panel
PanelSafe location at 1/4 points on panel

B End view with panel down

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

Release 1 x PanelSafe to hinge panel down

TEXTILE TC RANGE

TC

PRODUCT SHEET

TC-F6 Textile Clip Range

INDUSTRY FIT:

SPECIFICATIONS:

TEXTILE CLIPS TC RANGE

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-R6 Removal tool

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:

Cushion

6

Deck moulding

Typical section through (NTS)

TC-F6H Textile Clip Female - Heavy Duty
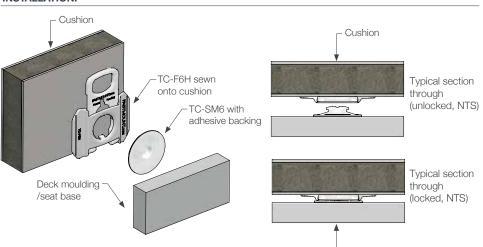
INDUSTRY FIT:

SPECIFICATIONS:

TEXTILE CLIPS TC RANGE

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   23kg

NEW PRODUCT

USE WITH

TC-SM6

TC-M6

APPLICATIONS

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

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 23kg break out load
• 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:

Cushion

Cushion

TC-F6H sewn onto cushion

TC-SM6 with adhesive backing

Typical section through (unlocked, NTS)

Deck moulding /seat base

Typical section through (locked, NTS)

Deck moulding

TEXTILE TC RANGE

TC

PRODUCT SHEET

TC-M6 Male Clip

INDUSTRY FIT:

SPECIFICATIONS:

TEXTILE CLIPS TC RANGE

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.
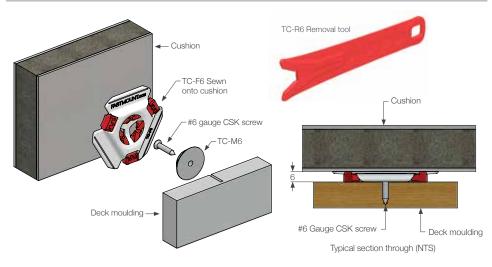
TC-M6

USE WITH
TC-F6

TC-F6H

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
- 10kg or 23kg break out load depending on female

APPLICATIONS

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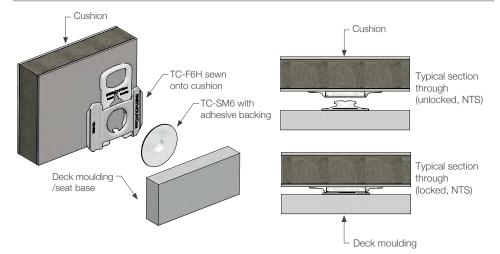- Sundeck mattresses
- Foredeck mounted mattresses
- Seating areas external & internal
- Crew and guest areas

INSTALLATION: Partially exploded through section showing typical installation method

TC-R6 Removal tool

Cushion

TC-F6 Sewn onto cushion

#6 gauge CSK screw

TC-M6

Cushion

6

Deck moulding

#6 Gauge CSK screw

Deck moulding

Typical section through (NTS)

TC-SM6 Textile Clip Male - VHB Adhesive

INDUSTRY FIT:

SPECIFICATIONS:

TEXTILE CLIPS TC RANGE

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

NEW PRODUCT

USE WITH
TC-F6

TC-F6H

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
- 10kg or 23kg break out load depending on female used
- VHB tape on TC-SM6 is clear in colour and UV stabilised, bonds extremely well to painted, smooth flat surfaces.
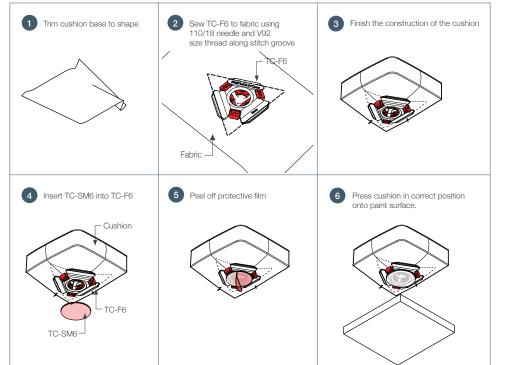- No penetrations or screw holes in deck structure when using TC-SM6

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

Cushion

TC-F6H sewn onto cushion

TC-SM6 with adhesive backing

Deck moulding /seat base

Cushion

Typical section through (unlocked, NTS)

Typical section through (locked, NTS)

Deck moulding

TEXTILE TC RANGE

TC

INSTALLATION GUIDE

TC-F6 & TC-SM6 Textile Clip Range

TC-F6	TC-SM6	**USE WITH:**

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.
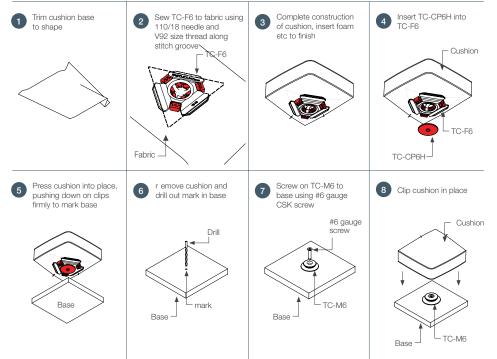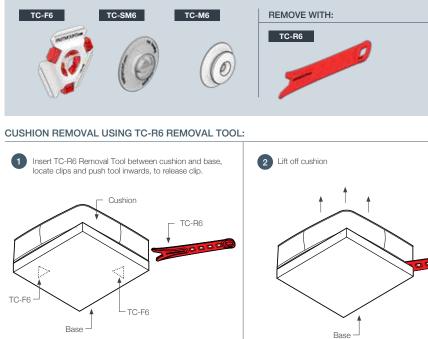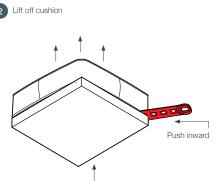
INSTALLATION STEPS:

1. Trim cushion base to shape

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

   TC-F6
   Fabric

3. Finish the construction of the cushion

4. Insert TC-SM6 into TC-F6

   Cushion
   TC-F6
   TC-SM6

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:**

USE WITH:

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

INSTALL WITH:

TC-CP6H

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

   TC-F6
   Fabric

3. Complete construction of cushion, insert foam etc to finish

4. Insert TC-CP6H into TC-F6

   Cushion
   TC-F6
   TC-CP6H

5. Press cushion into place, pushing down on clips firmly to mark base

   Base

6. remove cushion and drill out mark in base

   Drill
   Base
   mark

7. Screw on TC-M6 to base using #6 gauge CSK screw

   #6 gauge screw
   Base
   TC-M6

8. Clip cushion in place

   Cushion
   Base
   TC-M6

TEXTILE TC RANGE

TC

INSTALLATION GUIDE

TC-06 Textile Clip Range - Removal

TC-F6	TC-SM6	TC-M6	REMOVE WITH:

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.

Cushion

TC-R6

TC-F6

TC-F6

Base

2 Lift off cushion

Push inward

Base

TC-F6H & TC-SM6 Textile Clip Range

TC-F6H	TC-SM6	USE WITH:

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.

TC-F6H

Fabric

1B Close up of TC-F6H sewn on

TC-F6H

Fabric

2 Complete cushion assembly

Cushion

3 Insert TC-SM6 into TC-F6H

TC-SM6

4 Lock TC-F6H

5 Peel off TC-SM6 backing

6 Align cushion in position

Cushion

Surface

7 Press down firmly in place

TECHNICAL NOTES

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**

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, and TD-12 at **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, high winds (exterior panels) or seismic shocks. From our experience it is best to follow our guidelines and also conduct tests of panel type + substrate on a project-by-project basis.

See pages 77-80 for panel clip setout guides or if you require advice email **info@fastmount.com**

Fastmount with different materials

You can mount Fastmount clips into or onto most panel products such as plywood, MDF, plastic, 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 81 and 82. And the Marine Clip Seleciton Guide on pages 83 and 84. Showing substrate and product matrices.

Drill setting and self tapping clips

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

Once two or three test clips have been fitted, you will have a good feel for a setting that screws the clips home, but does not over tighten them. If the clips are breaking, the drill setting is too powerful. NOTE: Some hard veneers and hard materials require a small countersink to the entrance of the hole to allow the clip thread to tap into the material. Use CT-12 drill to achieve countersink.

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

Adhesives for surface mount clips

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

A typical two-part epoxy will hold the clip at over three times the clipping load (30-40kg per clip). 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**
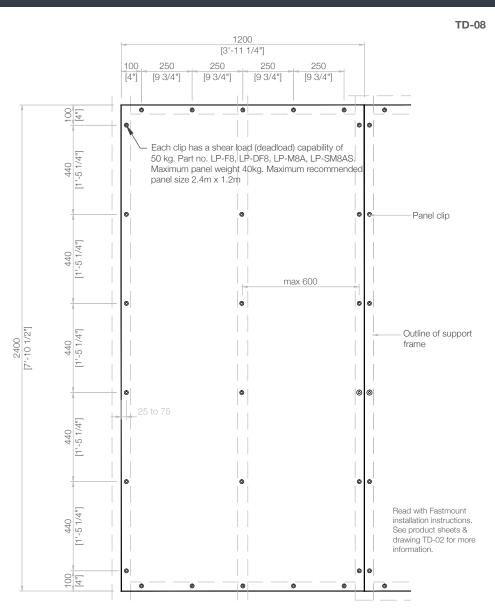
LAYOUT GUIDE FOR
SMALL OR LIGHTWEIGHT CEILING PANEL
ALL RANGES

LAYOUT GUIDE FOR
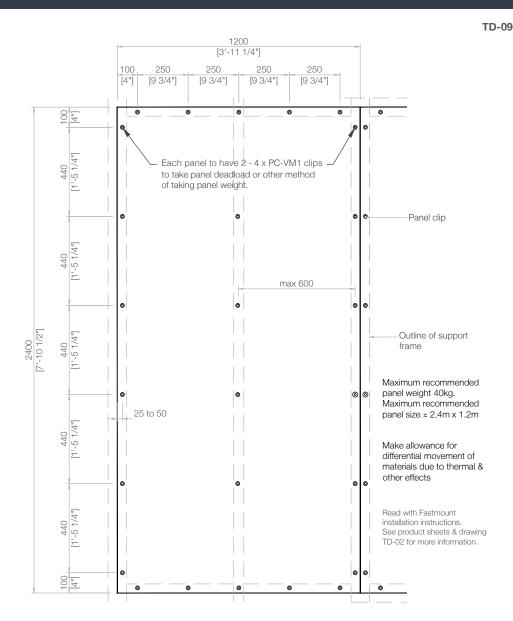# LARGE WALL PANEL
LOW PROFILE RANGE

TD-02

TD-08

Fitting panel mounted (eg.downlight >0.5kg)

Heavy fitting such as speaker supported seperately. Speaker cover only fixed to panel

Panel clip

Edge of covered or prefinished panel

Outline of panel support frame (deck heads / grounds) shown dashed. 90mm wide at panel to panel junction.

300 max. 50 [2"]

250 [9 3/4"]

250 [9 3/4"]

50 [2"]

300 max.

25 20 1" 3/4"

100 [4"]

500 [1'-7 3/4"]

900 [2'-11 1/2"]

For panels wider than 600 add centre row of clips
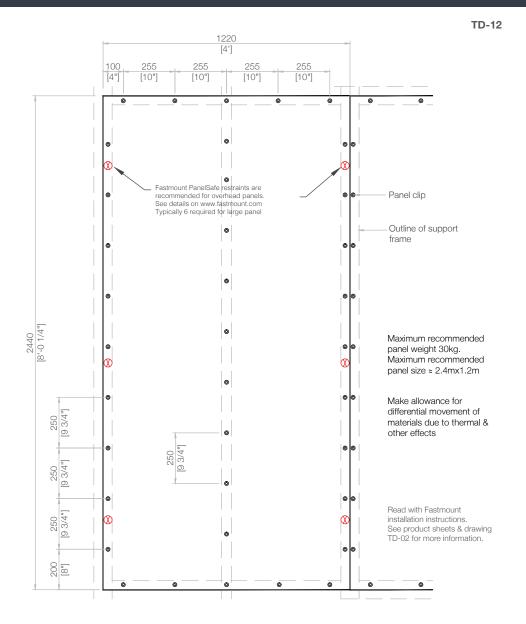
Reflected plan view of ceiling panels & support grid. Read with Fastmount installation instructions.

1200 [3'-11 1/4"]

100 [4"]   250 [9 3/4"]   250 [9 3/4"]   250 [9 3/4"]   250 [9 3/4"]

100 [4"]

440 [1'-5 1/4"]

440 [1'-5 1/4"]

440 [1'-5 1/4"]

440 [1'-5 1/4"]

440 [1'-5 1/4"]

100 [4"]

2400 [7'-10 1/2"]

Each clip has a shear load (deadload) capability of 50 kg. Part no. LP-F8, LP-DF8, LP-M8A, LP-SM8AS. Maximum panel weight 40kg. Maximum recommended panel size 2.4m x 1.2m

max 600

25 to 75

Panel clip

Outline of support frame

Read with Fastmount installation instructions. See product sheets & drawing TD-02 for more information.

LAYOUT GUIDE FOR
LARGE WALL PANEL
STANDARD PC RANGE

TD-09

1200
[3'-11 1/4"]

100 [4"]   250 [9 3/4"]   250 [9 3/4"]   250 [9 3/4"]   250 [9 3/4"]

100 [4"]

440 [1'-5 1/4"]

440 [1'-5 1/4"]

2400 [7'-10 1/2"]

440 [1'-5 1/4"]

440 [1'-5 1/4"]

440 [1'-5 1/4"]

440 [1'-5 1/4"]

100 [4"]

Each panel to have 2 - 4 x PC-VM1 clips to take panel deadload or other method of taking panel weight.

Panel clip

max 600

Outline of support frame

25 to 50

Maximum recommended panel weight 40kg. Maximum recommended panel size ≈ 2.4m x 1.2m

Make allowance for differential movement of materials due to thermal & other effects

Read with Fastmount installation instructions. See product sheets & drawing TD-02 for more information.

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

TD-12

1220
[4']

100 [4"]   255 [10"]   255 [10"]   255 [10"]   255 [10"]

2440 [8'-0 1/4"]

250 [9 3/4"]

250 [9 3/4"]

250 [9 3/4"]

250 [9 3/4"]

200 [8"]

Fastmount PanelSafe restraints are recommended for overhead panels. See details on www.fastmount.com Typically 6 required for large panel

Panel clip

Outline of support frame

Maximum recommended panel weight 30kg. Maximum recommended panel size ≈ 2.4mx1.2m

Make allowance for differential movement of materials due to thermal & other effects

Read with Fastmount installation instructions. See product sheets & drawing TD-02 for more information.

SELECTION GUIDE - **ARCHITECTURAL**

SUBSTRATE TYPE	PANEL TYPE							
	Plywood	MDF	Particle board		Acoustic panel	Honeycomb	Fibrous cement board	Exterior panel
Steel frames e.g. Rhondo	PC-SF1 + PC-M1B PC-SF1 + PC-M2H PC-SF1 + PC-SM2 PC-SF1 + PC-SM2H	PC-SF1 + PC-M1B PC-SF1 + PC-SM2H	PC-SF1 + PC-M1B PC-SF1 + PC-SM2H + **glue thread**		PC-SF1 + PC-SM2	PC-SF1 + PC-SM2	N/A	N/A
Timber battens or frames	PC-F1A + PC-VM1 PC-F1A + PC-M2H PC-F1A + PC-SM2H	PC-F1A + PC-VM1 PC-F1A + PC-M2H	PC-F1A + PC-VM1 PC-F1A + PC-M2H		LP-F8 + LP-SM8AS	LP-F8 + LP-SM8AS	N/A	N/A
Concrete + timber batten	PC-F1A + PC-M2H PC-F1A + PC-SM2 PC-F1A + PC-SM2H	PC-F1A + PC-M2H PC-F1A + PC-SM2 PC-F1A + PC-SM2H	PC-F1A + PC-M2H PC-F1A + PC-SM2 PC-F1A + PC-SM2H		**Must use** Timber batten + LP-F8 + LP-SM8AS	**Must use** Timber batten + LP-F8 + LP-SM8AS	N/A	N/A
Drywall e.g. Gib Board	LP-DF8 + LP-M8A LP-DF8 + LP-SM8AS	LP-DF8 + LP-M8A LP-DF8 + LP-SM8AS	LP-DF8 + LP-M8A LP-DF8 + LP-SM8AS		LP-DF8 + LP-SM8AS with HMA (hot glue)	LP-DF8 + LP-SM8AS with epoxy glue	N/A	N/A
Plywood, MDF	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	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		

This Clip Selection Guide should be used as a general guide only. Please email 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.

SELECTION GUIDE - **MARINE**

SUBSTRATE TYPE	PANEL TYPE					
	Plywood panels <6mm	Plywood panels >6mm	Synthetic panels (Forex) <6mm	Synthetic panels (Forex) >6mm	Honeycomb panels (Aluminium)	Composite panels (foam core GRP)
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	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
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	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
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	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
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	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

This Clip Selection Guide should be used as a general guide only. Please contact email 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.

FREQUENTLY ASKED QUESTIONS

Q. Can I use the Fastmount® system on prefinished panels or painted panels?

Yes. Install with the correct centre points and drill bits for the clip range you are using. These will allow you to align the clips in the panels with the clips in the substrate. See our install videos at www.fastmount.com to see this technique in action.

Q. Is the self tapping clip suitable for hardwood?

It is very variable depending on the hardwood selected, and even on the particular batch of hardwood. Some customers successfully friction fix into an 11mm hole rather than a 10mm hole with the addition of some adhesive in the hole.

Q. Can I mount Fastmount clips into other materials such as fibreglass?

Yes. With the PC-F1A, you will need to use the CT-15 Thread Tap to create a thread in the hole. A small countersink to the entrance edge of the hole will help the clip screw in neatly.

Q. Can self tapping standard and low profile clips be screwed into hardwoods and high pressure laminates e.g. MDF and fibreglass?

The following three options are recommendations only, as panel and substrate density can vary considerably. NB: A test panel should be mounted prior to large scale use.

Option 1: **For MDF type panels or substrates, and medium to high density plywood**

Once the hole has been drilled for the clip in question, countersink the entrance to the hole to a depth of 1.5mm max. Then, using a battery drill and the correct install tool, screw the clip into the hole while exerting a lot of pressure onto the battery drill.

Option 2: **For very dense hardwood panels and substrates**

For the male clips, LP-M8 substitute the 10mm hole size with a 10.5-11mm hole. Apply some epoxy glue to the threads of the clip and using a battery drill with the correct install tool (CT-10) screw the clip into the hole, while exerting pressure onto the battery drill.

The drill size will vary depending on density of panel, so you will need to test a sample piece to ascertain the correct drill size for your project.

Option 3: **For very dense hardwoods**

Use a surface mount male clip. Match this clip with the female clip mounted in the frame or substrate.

Alternatively, use the MC-05 Metal clip system. The metal construction means it will screw into most hard materials including solid fibreglass.

Q. Can I use fewer clips if the panel weighs less than the combined pull out load of the clips on my panel?

No. It is important to view the TD Clip Layout Guides, which are designed to allow for even distribution of the clips, so that the panel is held securely and evenly to ensure a flawless appearance. In calculating the TD Clip Layout Guides, we do our best to include factors like possible seismic g-forces, impact, flexing and thermal expansion.

Placing your clips excessively wide, such as 600mm apart, or using too few clips may contribute to the panel sagging slightly between the clips, depending on the panel stiffness. See the TD Clip Layout Guides on previous pages which show correct clip spacing for the various panel types.

Q. How much space is required between Fastmount clip sets?

Refer to the TD Clip Layout Guides for recommended clip set spacing for removable ceiling and wall panels and for large, heavy or small, light-weight panels.

For clip set spacing recommendations for other applications please email **technical@fastmount.com.**

Q. Will panels sag over time?

No, not if the clips are installed with the proper spacing. Placing your clips excessively wide, around the perimeter of a 6-12mm thick ceiling panel, over 400mm apart, or using too few clips may contribute to the panel sagging slightly between the clips, depending on your panel stiffness.

See the TD Clip Layout Guides on previous pages which show correct clip spacing for the various panel types.

Q. Why are the panels not fitting correctly?

Check the clip alignment. If the panels are fabric covered, check that allowance has been made for the correct thickness of the fabric on the edge of the panels, and check that the 10mm drill hole is square to face.

Q. Why do clips occasionally break?

As male clips can be broken due to mishandling, please ensure male clips are not installed until the final fit. We recommend that you regularly monitor the diameter of the female hole drilled out by the CT-07. If it is less than 16.8mm, undue tension will be applied to the female part of clip when screwed into place. This puts pressure on the male part of clip which may cause occasional breakages. NB: do not use standard 16mm drill bits as these will cause breakages.

Q. If the front face of the panel is veneered and/or painted, should the other side of the panel with Fastmount clips fitted have the same?

Yes, panels must be balanced. If a panel is not painted, sealed or veneered equally on both faces, the panel is considered unbalanced and is likely to distort, cup or twist, exerting tremendous pressure on the mounting system. This can lead to the centre of large panels 'popping' off as the clips struggle to withstand this cupping or warping pressure. Sealing or veneering both sides so that the panel is structurally stable is simply good practice. Fastmount can provide advice but is not responsible for the unclipping of clips due to distorted panels.

Q. Does the Fastmount panel mounting system have a warranty?

Yes, the Fastmount panel mounting system has a comprehensive 2 year warranty. View our warranty online.

MAINTENANCE

FASTMOUNT
AUTHORISED DISTRIBUTORS

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.
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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