

The Standard range,
for a finish that's anything
but standard.



Panel mounting solution:
PC-F1A - substrate
PC-M2H - panel

STANDARD PC RANGE

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



PC-M1B STANDARD SELF TAPPING MALE CLIP

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

See pages 24, 31-42 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, 31-42 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, 31-42 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, 31-42 for more technical details.



PC-SM2 STANDARD SURFACE MOUNT MALE CLIP

Male surface mount clip with 2 part epoxy base for thinner panels. Mounts into PC-F1A, PC-SF1, PC-RF1 and PC-AF1. 5kg pull out load per clip.

Glue fix with 2 part epoxy adhesive. No special tools required for installation. Incorporates the patented SuperGroove system.

See pages 27, 37-44 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 2 part epoxy adhesive. No special tools required for installation. Incorporates the patented SuperGroove™ system.

See pages 28, 37-44 for more technical details.



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

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

See pages 29, 37-46 for more technical details.



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

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

See pages 35-38, 41-44 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, PC-SVMX and PC-SM1AC. Screws into 16.8mm hole made with CT-07 or CT-13A, or installs into PC-DC1.

See pages 23, 37, 38, 41-45 for more technical details.



PC-DC1 STANDARD FEMALE ANCHOR

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

See pages 34, 43-44 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, PC-SVMX and PC-SM1AC. Screws onto support frame. No special tools required for installation.

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



PC-RF1 STANDARD SIDE MOUNT FEMALE CLIP (BROWN)

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

See pages 31, 39-40 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, PC-SVMX and PC-SM1AC. Screw fix into predrilled 35mm hole. No special tools required for installation.

See page 32 for more technical details.

FASTMOUNT TOOLS RANGE

CP-01ST



CT-01



CT-09



CT-07



CT-13A



CT-15



CT-03



CT-10



CT-22



CT-09DG



CT-18DG



CT-08



CT-06S



CT-05



CT-05H



CT-17



The secret behind
a perfect finish.

• PC-F1A + PC-M1B



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

STANDARD PC RANGE

PC-F1A PRODUCT GUIDE

PC-F1A Self Tapping Female

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

PC-F1A

USE WITH:

PC-M2H

PC-VM1

PC-SM2

PC-DC1



MATERIAL:

White Acetal copolymer

MORE INFO:

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

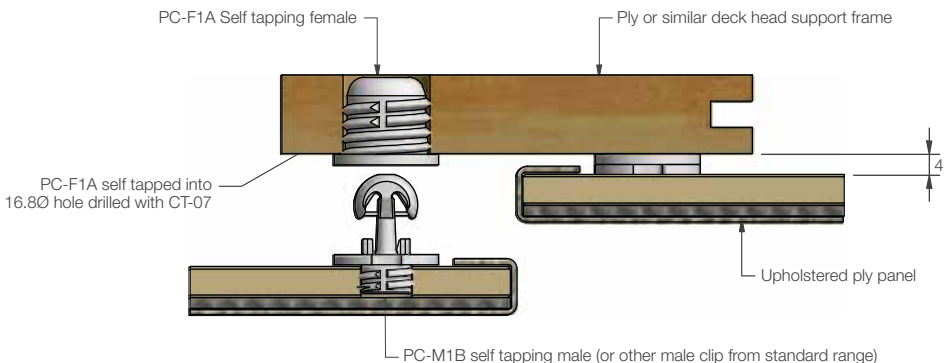
BENEFITS

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

APPLICATIONS

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

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

PC-M1B PRODUCT GUIDE

PC-M1B Self-tapping male - 5kg

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

PC-M1B



USE WITH:

PC-F1A

PC-RF1

PC-SF1

PC-AF1



BENEFITS

- Self-aligning installation without adhesives
- Perfect panel alignment secure mounting every time
- Remove and refit panels in any sequence 100+ times
- Saves time and reduces cost
- Allows for flexing and expansion of panel and support frame materials
- 5kg pull out load

APPLICATIONS

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

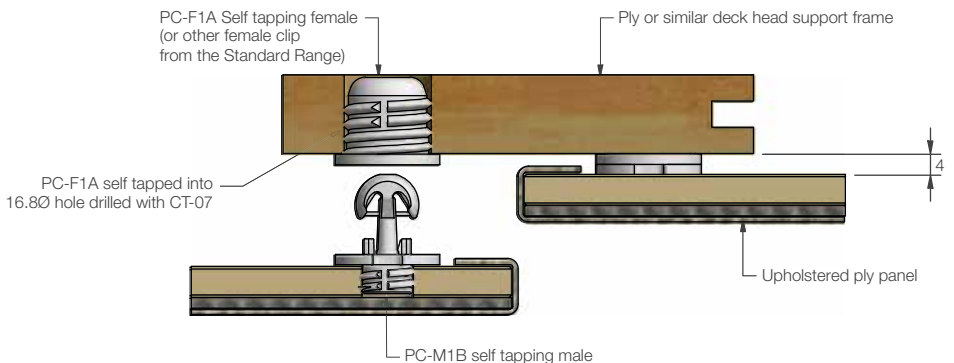
MATERIAL:

White Acetal copolymer

MORE INFO:

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

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

PC-M2H PRODUCT GUIDE

PC-M2H Self Tapping Male - 10kg

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

PC-M2H 10kg



MATERIAL:

Black Acetal copolymer

USE WITH:

PC-F1A

PC-RF1

PC-SF1

PC-AF1



MORE INFO:

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

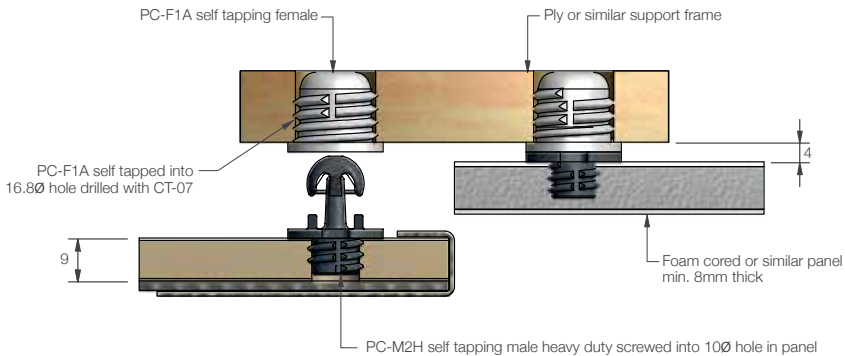
BENEFITS

- Self-aligning installation without adhesives
- Perfect panel alignment secure mounting every time
- Remove and refit panels in any sequence 100+ times
- Saves time and reduces cost
- 10kg pull out load per clip
- Allows for flexing and expansion of panel and support frame materials

APPLICATIONS

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

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

PC-VM1 & PC-VMX PRODUCT GUIDE

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

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

PC-VM1



USE WITH:

PC-F1A

PC-RF1

PC-SF1

PC-AF1



PC-VMX 15kg



MATERIAL:

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

MORE INFO:

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

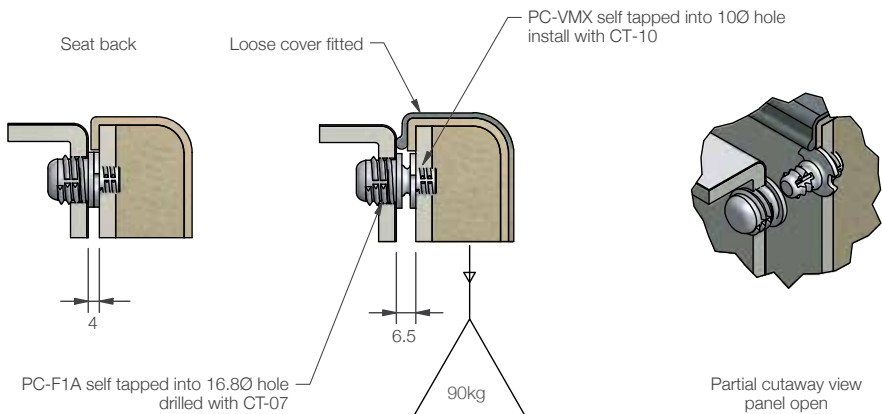
BENEFITS

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

APPLICATIONS

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

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

PC-SM2 PRODUCT GUIDE

PC-SM2 Surface Mount Male Adhesive Fix - 5kg

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

PC-SM2



USE WITH:

PC-F1A

PC-RF1

PC-SF1

PC-AF1



MATERIAL:

White Acetal copolymer

MORE INFO:

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

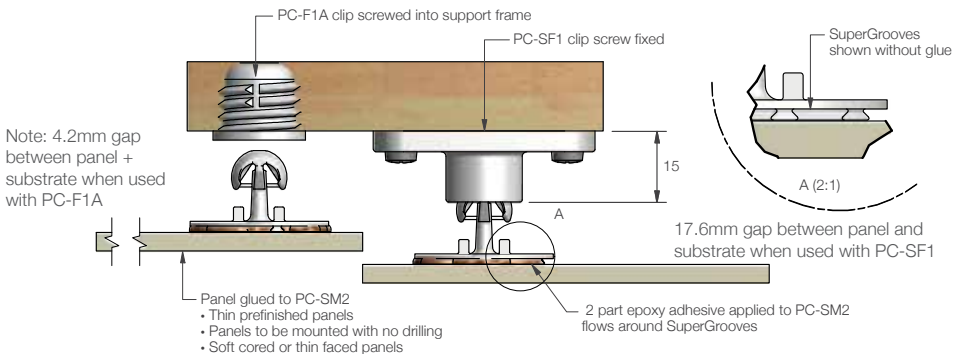
BENEFITS

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

APPLICATIONS

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

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

PC-SM2H PRODUCT GUIDE

PC-SM2H Surface Mount Male Adhesive Fix -10kg

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

BENEFITS

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

APPLICATIONS

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

PC-SM2H 10kg

USE WITH:

PC-F1A

PC-RF1

PC-SF1

PC-AF1



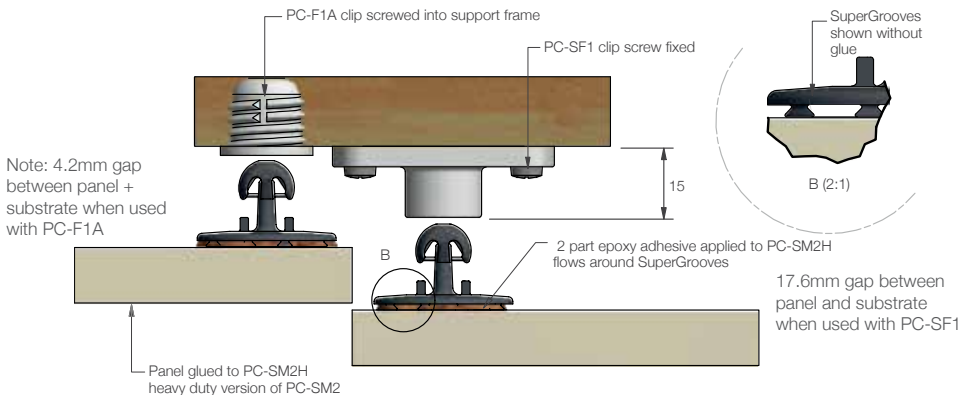
MATERIAL:

Black Acetal copolymer

MORE INFO:

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

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

PC-SVMX PRODUCT GUIDE

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

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

BENEFITS

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

APPLICATIONS

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

PC-SVMX 15kg

USE WITH:

PC-F1A

PC-RF1

PC-SF1

PC-AF1



MATERIAL:

Black GF Nylon

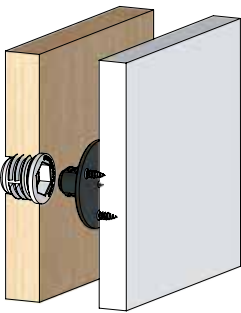
MORE INFO:

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

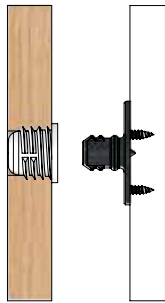
INSTALLATION: Partially exploded through section showing typical installation method

17.4mm gap between panel and substrate when used with PC-F1A

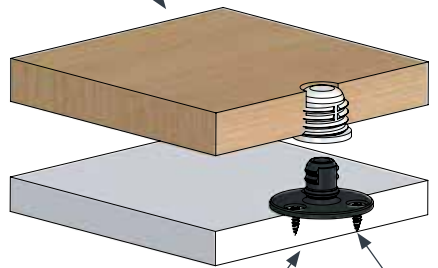
Substrate ply / MDF / fibreglass



PC-F1A self-tapped into substrate



Heavyweight wall panel



PC-SVMX screwed into heavyweight ceiling panel

3 x CSK #6 screws

Panelling,
limited only by
your imagination.



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

STANDARD PC RANGE

PC-RF1 PRODUCT GUIDE

PC-RF1 Side Mount Female Screw Fix

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

PC-RF1



USE WITH:

PC-M1B

PC-VM1

PC-SM2



PC-M2H

PC-VMX

PC-SVMX

PC-SM2H



MATERIAL:

Brown Acetal copolymer

MORE INFO:

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

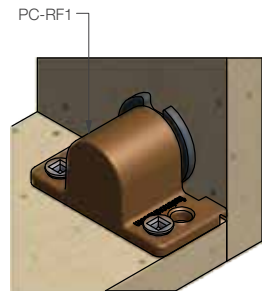
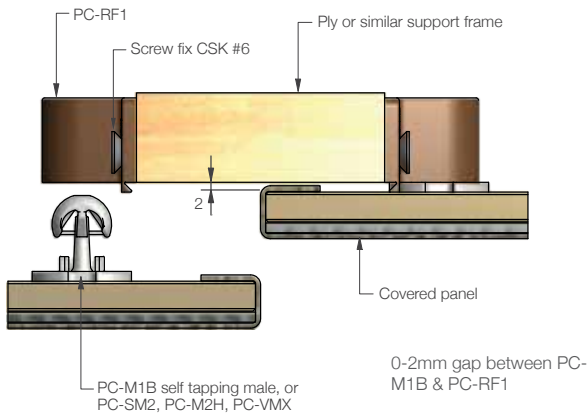
BENEFITS

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

APPLICATIONS

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

INSTALLATION: Partially exploded through section showing typical installation method



Corner detail at cabinet or shelf

STANDARD PC RANGE

PC-AF1 PRODUCT GUIDE

PC-AF1 Autofit Female

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

PC-AF1



USE WITH:

PC-M1B



PC-VM1



PC-M2H



PC-VMX



PC-SM2



PC-SM2H



PC-SVMX



PC-SM1AC



BENEFITS

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

APPLICATIONS

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

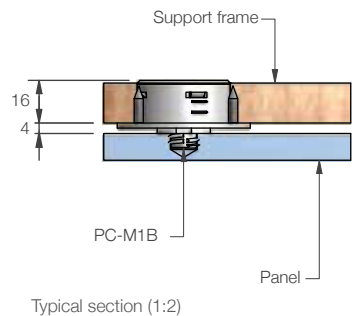
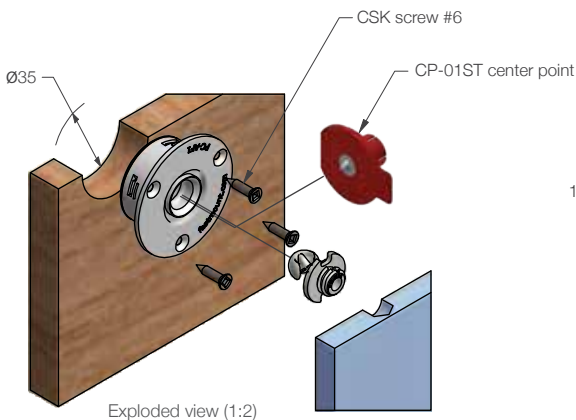
MATERIAL:

White Acetal copolymer

MORE INFO:

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

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

PC-SF1 PRODUCT GUIDE

PC-SF1 Surface Mount Female Screw Fix

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

PC-SF1



USE WITH:

PC-M1B



PC-VM1



PC-M2H



PC-VMX



PC-SM2



PC-SM2H



PC-SVMX



PC-SM1AC



BENEFITS

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

APPLICATIONS

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

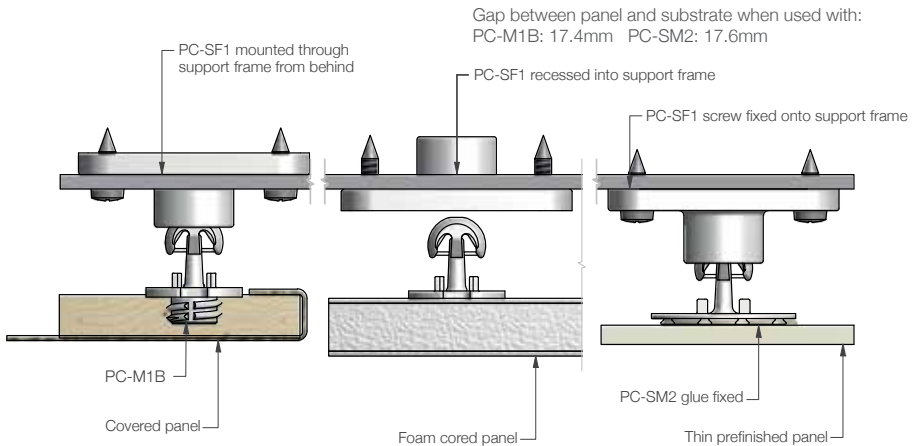
MATERIAL:

White Acetal copolymer

MORE INFO:

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

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

PC-DC1 PRODUCT GUIDE

PC-DC1 Female Anchor

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

PC-DC1



PAIRS WITH:

PC-F1A



USE WITH:

PC-M1B



PC-VM1



PC-M2H



PC-VMX



PC-SM2



PC-SM2H



PC-SVMX



PC-SM1AC



MATERIAL:

White Acetal copolymer

MORE INFO:

Installation Guide PC-DC1
Clip Layout Guide TD-09
Panel Offset Guide

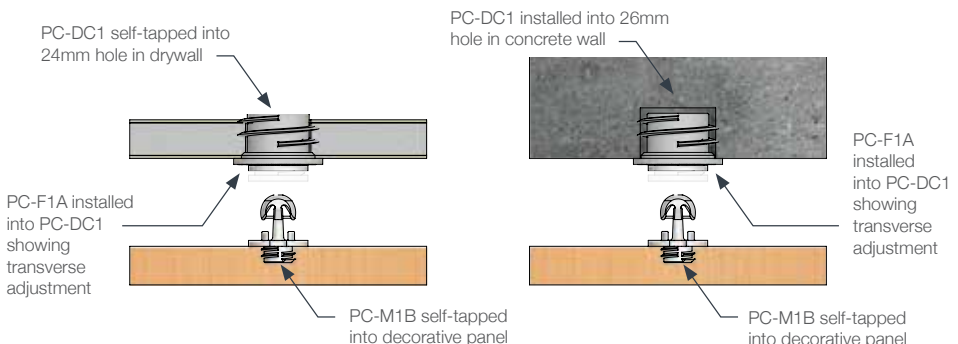
BENEFITS

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

APPLICATIONS

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

INSTALLATION: Partially exploded through section showing typical installation method



STANDARD PC RANGE

PC-SM1AC PRODUCT GUIDE

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

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

PC-SM1AC



USE WITH:

PC-F1A



PC-SF1



PC-AF1



MATERIAL:

Translucent Super flexible copolymer

MORE INFO:

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

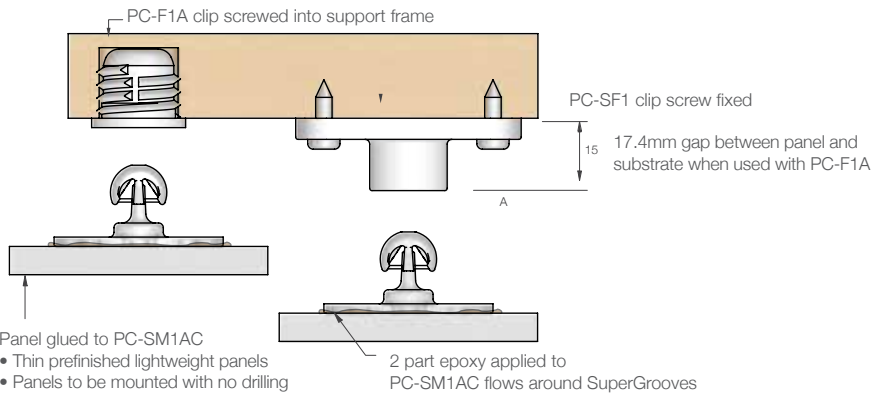
BENEFITS

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

APPLICATIONS

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

INSTALLATION: Partially exploded through section showing typical installation method



- Thin prefinished lightweight panels
- Panels to be mounted with no drilling
- Soft cored or thin faced panels
- Acoustic lightweight panels
- 4mm gap between panel and substrate when used with PC-F1A

Total control.



The perfect solution for removable acoustic panels.

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












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

STANDARD PC RANGE

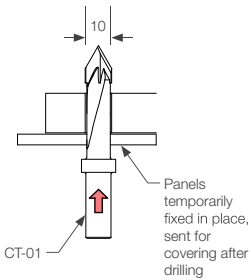
PC-F1A INSTALLATION GUIDE

PC-F1A Self Tapping Female

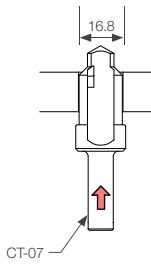
PC-F1A	USE WITH:				INSTALL WITH:			
	PC-M1B	PC-VM1	PC-M2H	PC-VMX	CT-01	CT-07	CT-03	CT-10
	PC-SM2	PC-SVMX	PC-SM2H	PC-SM1AC				
								

INSTALLATION STEPS FOR UPHOLSTERED PANELS

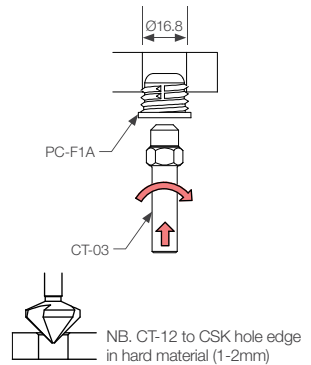
- 1** Drill hole through panel and frame



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

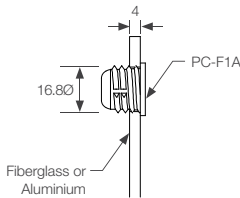


- 3** Screw fit PC-F1A with CT-03. Use battery drill with clutch set.



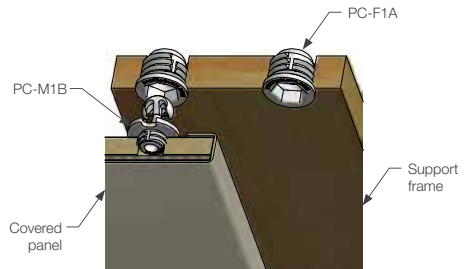
- 4** Screw fit PC-F1A into thin frame

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



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

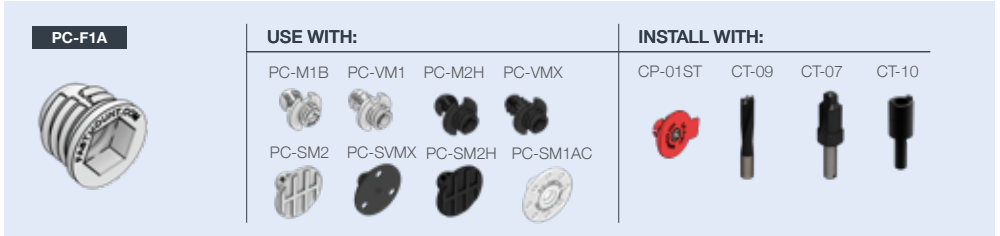
- 5** Cutaway view showing panel mounting



STANDARD PC RANGE

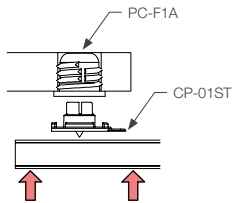
PC-F1A INSTALLATION GUIDE

PC-F1A Self Tapping Female

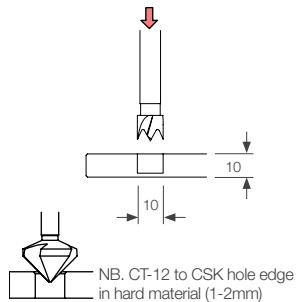


INSTALLATION STEPS FOR PAINTED OR PREFINISHED PANELS (First complete steps 1 to 3, page 1)

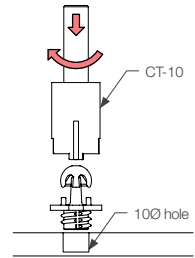
- 1** Fit CP-01ST into PC-F1A then push panel to mark center



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

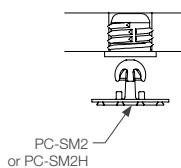


- 3** Screw fit male clip with CT-10. Use battery drill with clutch set.

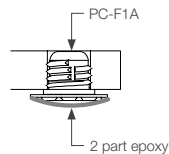


INSTALLING ADHESIVE FIT MALE CLIPS (FIRST COMPLETE STEPS 1 TO 3, PAGE 1)

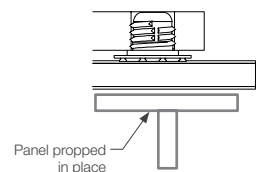
- 4** Clip PC-SM2 into PC-F1A

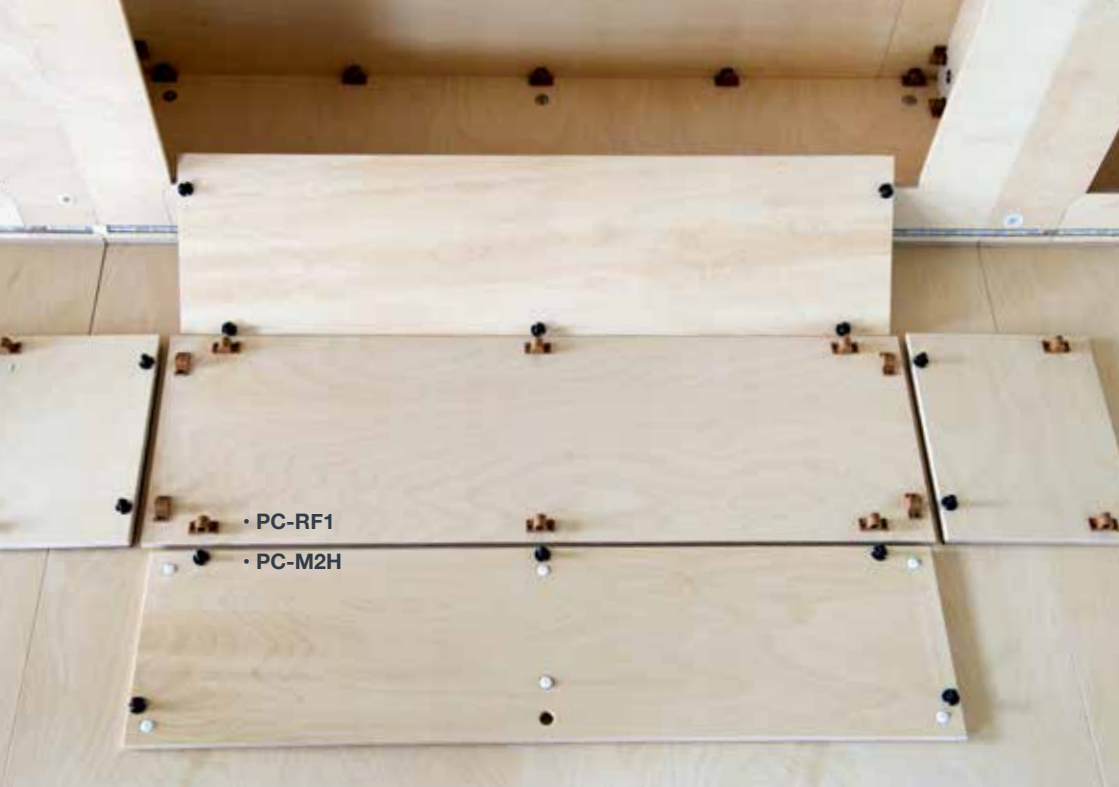


- 5** Apply adhesive to PC-SM2



- 5** Place panel and support while adhesive dries

















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

STANDARD PC RANGE

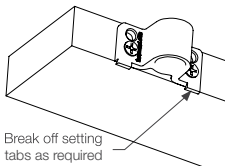
PC-RF1 INSTALLATION GUIDE

PC-RF1 Side Mount Female

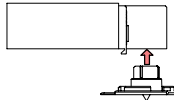
	USE WITH:				INSTALL WITH:			
	PC-M1B 	PC-VM1 	PC-M2H 	PC-VMX 	CP-01ST 	CT-09 	CT-10 	CT-18DG 
	PC-SM2 	PC-SVMX 	PC-SM2H 					

INSTALLATION STEPS

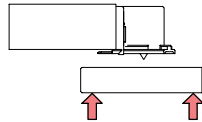
- 1** Screw fit PC-RF1 to side of frame



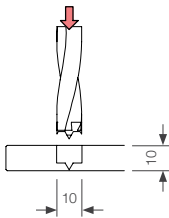
- 2** Fit CP-01ST into PC-RF1



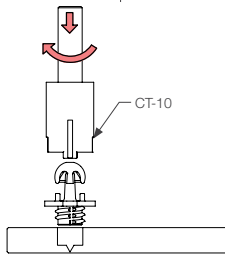
- 3** Press panel onto CP-01ST to mark



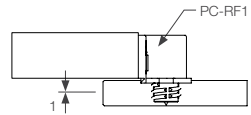
- 4** Drill panel on mark with CT-09



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

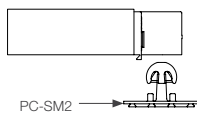


- 6** Panel clipped in place

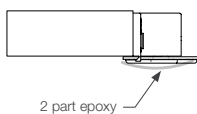


OPTION WITH ADHESIVE FIT MALE (COMPLETE STEP ABOVE)

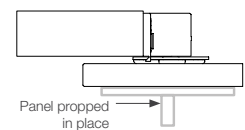
- A** Clip PC-SM2 into PC-RF1



- B** Apply adhesive to PC-SM2



- C** Place panel and support while adhesive dries





































MORE INFO: Clip Layout Guide TD-02

STANDARD PC RANGE

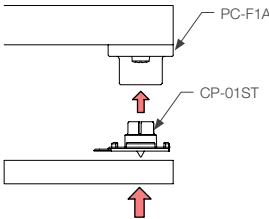
PC-SF1 INSTALLATION GUIDE

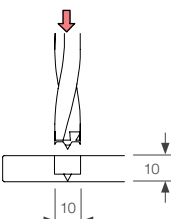
PC-SF1 Surface Mount Female

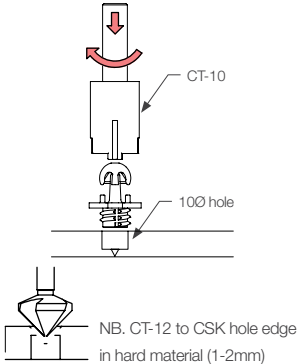
PC-SF1	USE WITH:	INSTALL WITH:											
	<table border="0"> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>									<table border="0"> <tr> <td></td> <td></td> <td></td> </tr> </table>			
													
													
													

INSTALLATION STEPS

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


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

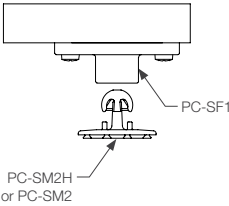

- 3 Screw fit male clip with CT-10. Use battery drill with clutch set.

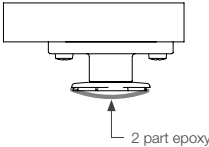


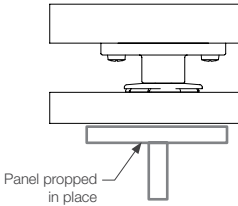
NB. CT-12 to CSK hole edge in hard material (1-2mm)

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

- 4 Clip PC-SM2 into PC-SF1


- 5 Apply adhesive to PC-SM2


- 6 Place panel and support while adhesive dries




























MORE INFO: Clip Layout Guide TD-02

STANDARD PC RANGE

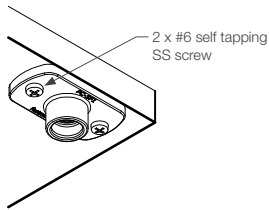
PC-SF1 INSTALLATION GUIDE

PC-SF1 Surface Mount Female

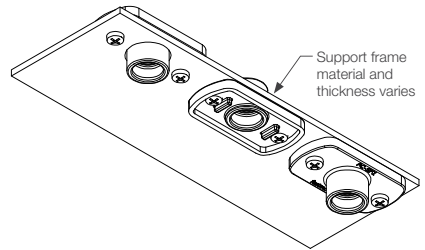
PC-SF1	USE WITH:	INSTALL WITH:								
	<table border="0"> <tr> <td data-bbox="341 399 408 470">PC-M1B </td> <td data-bbox="420 399 487 470">PC-VM1 </td> <td data-bbox="498 399 565 470">PC-M2H </td> <td data-bbox="576 399 644 470">PC-VMX </td> </tr> <tr> <td data-bbox="341 478 408 550">PC-SM2 </td> <td data-bbox="420 478 487 550">PC-SVMX </td> <td data-bbox="498 478 565 550">PC-SM2H </td> <td data-bbox="576 478 644 550">PC-SM1AC </td> </tr> </table>	PC-M1B 	PC-VM1 	PC-M2H 	PC-VMX 	PC-SM2 	PC-SVMX 	PC-SM2H 	PC-SM1AC 	Screw or rivet
PC-M1B 	PC-VM1 	PC-M2H 	PC-VMX 							
PC-SM2 	PC-SVMX 	PC-SM2H 	PC-SM1AC 							

INSTALLATION STEP OPTIONS

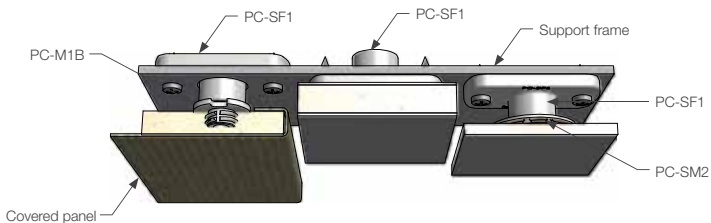
- 1 Screw fix PC-SF1 to frame



- 2 Options for mounting PC-SF1 to support frame



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





























MORE INFO: Clip Layout Guide TD-02

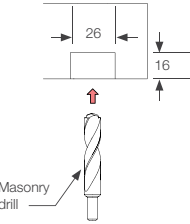
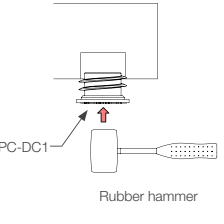
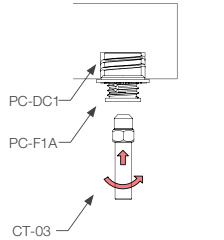
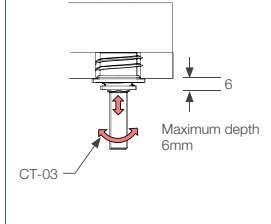
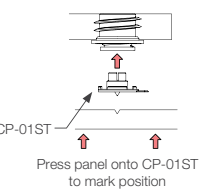
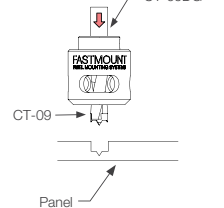
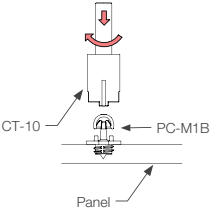
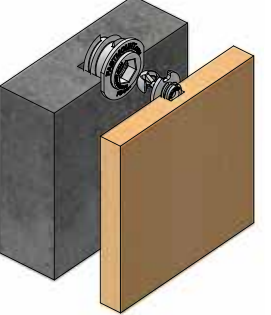
STANDARD PC RANGE

PC-DC1 INSTALLATION GUIDE

PC-DC1 Female Anchor - Concrete

PC-DC1	USE WITH:	INSTALL WITH:												
	<table border="0"> <tr> <td data-bbox="252 400 322 475">PC-F1A </td> <td data-bbox="333 400 404 475">PC-M1B </td> <td data-bbox="415 400 486 475">PC-VM1 </td> <td data-bbox="497 400 567 475">PC-SM2 </td> </tr> <tr> <td data-bbox="252 480 322 555">PC-M2H </td> <td data-bbox="333 480 404 555">PC-VMX </td> <td data-bbox="415 480 486 555">PC-SVMX </td> <td data-bbox="497 480 567 555">PC-SM2H </td> </tr> <tr> <td colspan="4" data-bbox="579 480 669 555">PC-SM1AC </td> </tr> </table>	PC-F1A 	PC-M1B 	PC-VM1 	PC-SM2 	PC-M2H 	PC-VMX 	PC-SVMX 	PC-SM2H 	PC-SM1AC 				<p>26mm masonry drill Rubber hammer</p> <p>CP-01ST CT-03 CT-09 CT-09DG</p> 
PC-F1A 	PC-M1B 	PC-VM1 	PC-SM2 											
PC-M2H 	PC-VMX 	PC-SVMX 	PC-SM2H 											
PC-SM1AC 														


INSTALLATION STEPS FOR CONCRETE

<p>1 Drill 26mm hole, 16mm deep</p>  <p>Masonry drill</p>	<p>2 Hammer-set flush</p>  <p>PC-DC1 Rubber hammer</p>	<p>3 Screw PC-F1A into PC-DC1</p>  <p>PC-DC1 PC-F1A CT-03</p>	<p>4 Adjust depth to suit</p>  <p>6 Maximum depth 6mm CT-03</p>
<p>5 Fit CP-01ST into PC-F1A</p>  <p>CP-01ST Press panel onto CP-01ST to mark position</p>	<p>6 Drill out mark on panel with CT-09</p>  <p>CT-09DG CT-09 Panel</p>	<p>7 Screw fit male clip with CT-10</p>  <p>CT-10 PC-M1B Panel</p>  <p>Cross section of PC-DC1, PC-F1A & PC-M1B installed</p>	

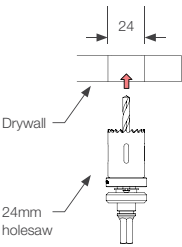
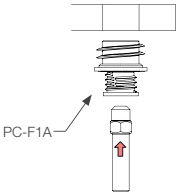
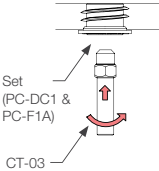
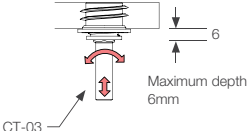
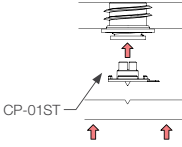
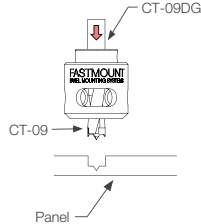
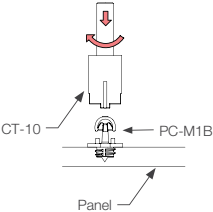
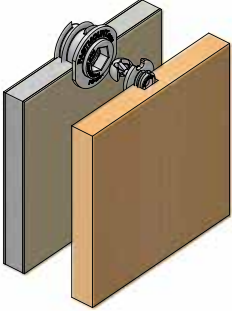
STANDARD PC RANGE

PC-DC1 INSTALLATION GUIDE

PC-DC1 Female Anchor - Drywall

<p>PC-DC1</p> 	<p>USE WITH:</p> <table border="0"> <tr> <td>PC-F1A</td> <td>PC-M1B</td> <td>PC-VM1</td> <td>PC-SM2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>PC-M2H</td> <td>PC-VMX</td> <td>PC-SVMX</td> <td>PC-SM2H</td> <td>PC-SM1AC</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	PC-F1A	PC-M1B	PC-VM1	PC-SM2					PC-M2H	PC-VMX	PC-SVMX	PC-SM2H	PC-SM1AC						<p>INSTALL WITH:</p> <p>24mm hole saw</p> <table border="0"> <tr> <td>CP-01ST</td> <td>CT-03</td> <td>CT-09</td> <td>CT-09DG</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>	CP-01ST	CT-03	CT-09	CT-09DG				
PC-F1A	PC-M1B	PC-VM1	PC-SM2																									
PC-M2H	PC-VMX	PC-SVMX	PC-SM2H	PC-SM1AC																								
CP-01ST	CT-03	CT-09	CT-09DG																									





INSTALLATION STEPS FOR DRYWALL

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

STANDARD PC RANGE

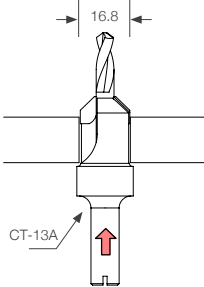
PC-SVMX INSTALLATION GUIDE

PC-SVMX Surface Mount Male Screw Fix - 15kg

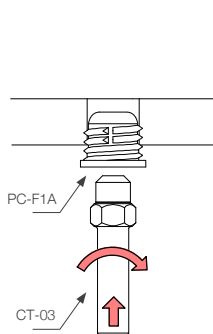
PC-SVMX	USE WITH:	INSTALL WITH:
	<p>PC-F1A PC-SF1</p>  <p>PC-RF1 PC-AF1</p> 	<p>3 x #6 screw CT-13A CT-03 CT-05 CT-05H</p> 

INSTALLATION STEPS

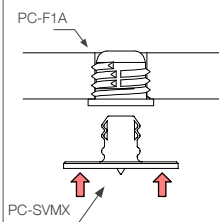
- 1** Drill CT-13A through frame or substrate



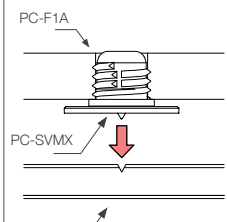
- 2** Screw fit PC-F1A with CT-03. Use battery drill with clutch set.



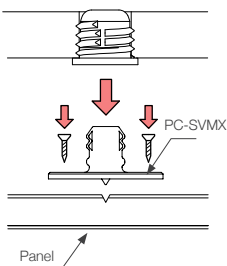
- 3** Clip PC-SVMX into PC-F1A to mark male clip location on panel. If using hard panels e.g. HPL, use CP-01ST to mark location.



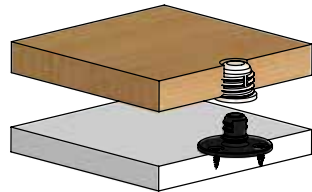
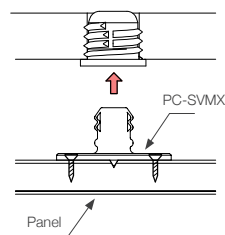
- 4** Press panel onto PC-SVMX to mark male clip position on panel.



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



- 6** Clip panel into place.



Extra heavy duty
mounting, made simple.



Panel mounting solution:
PC-SF1 - substrate
PC-SVMX - panel

TECHNICAL INFORMATION

Pull out loads

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

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

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

Clip spacing and panel loads

Panels need to be supported evenly around the perimeter to eliminate sagging. The clip spacing requirements will vary depending on the application. Refer to the Fastmount Clip Layout Guides:

TD-02, TD-08, TD-09, TD-12, TD-15, TD-16, TD-17, TD-18, TD-19, TD-20 and TD-21 at:

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

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

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

Fastmount with different materials

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

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

Drill setting and self tapping clips

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

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

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

Contact us for advice at info@fastmount.com.

Adhesives for surface mount clips

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

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

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

When selecting the type of finish on your panels, ensure you follow the golden rule of 'balancing' the panel - however you treat the face side of the panel or sheet must be duplicated on the back face of the panel.

This is to prevent the panel from warping, due to the unbalanced tension that a single coating or veneer applied to one face of the panel exerts. For example, if the panel face is a paint finish, then the back face will also require a paint finish to balance the tension in the panels. In the case of veneered panels, when applying good veneer on the face side, apply any type of veneer on the back face for the best finish.

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

Quality installation

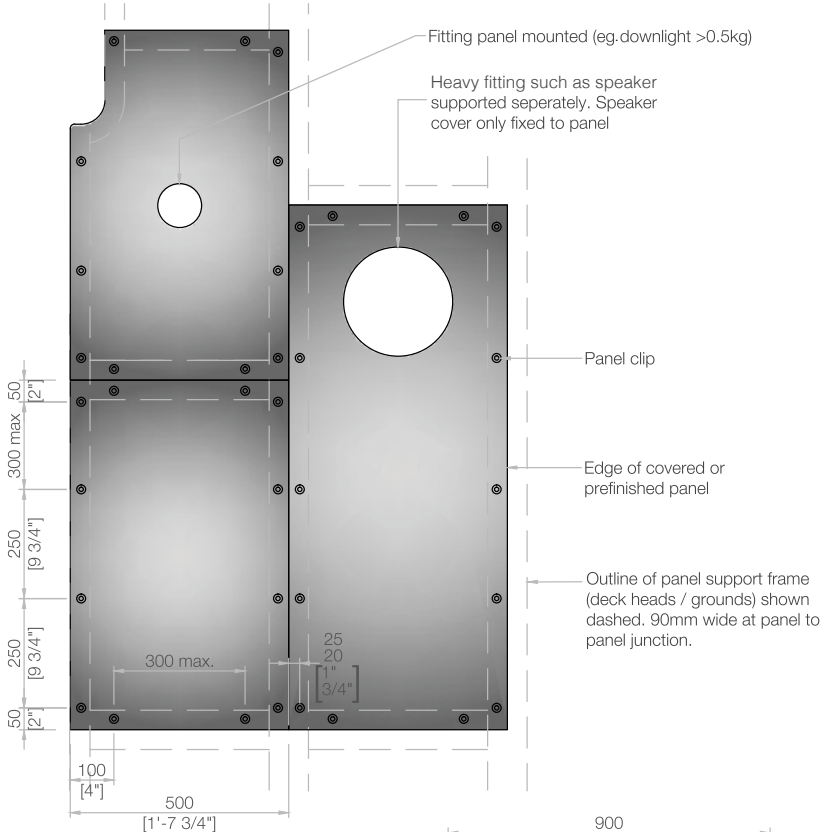
To ensure consistent and quality installation, Fastmount supplies tools where required.

Installation guides and videos are available for each range on www.fastmount.com

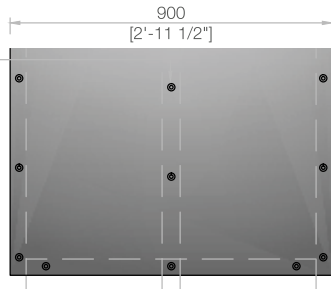
LAYOUT GUIDE - ALL RANGES

SMALL OR LIGHTWEIGHT CEILING PANEL

TD-02



For panels wider than 600
add centre row of clips

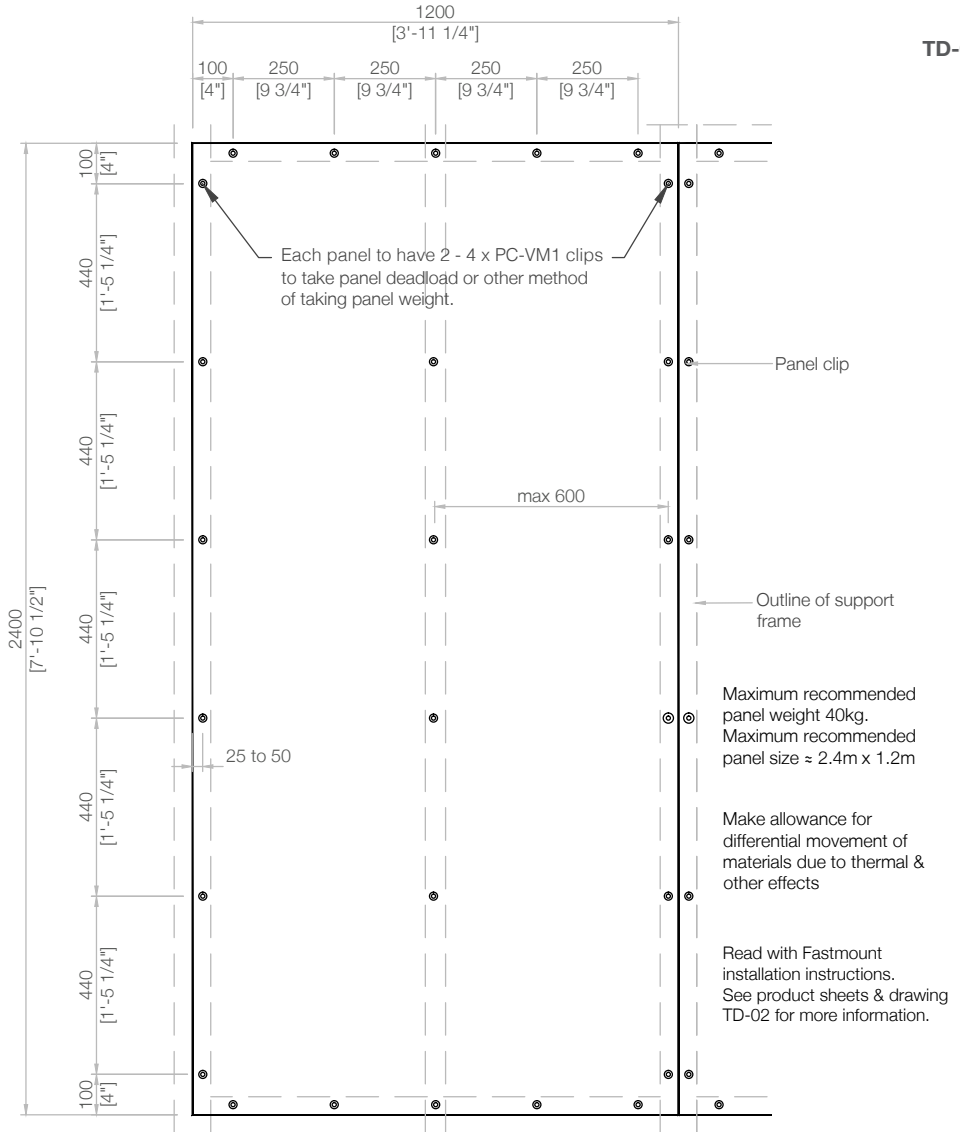


Reflected plan view of ceiling panels & support grid.
Read with Fastmount installation instructions.

LAYOUT GUIDE - PC RANGE

LARGE WALL PANEL

TD-09



LAYOUT GUIDE - PC RANGE

HEAVY OR LARGE CEILING PANEL

TD-12

