

VL Range

VL-PF3 (PET PANELS)

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

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

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



VL-PF3
FEMALE RECESSED MOUNT
ACOUSTIC CLIP

USE WITH:



VL-M3
VERY LOW-PROFILE
MALE CLIP 5KG / 11LB



VL-CP3
VERY LOW-PROFILE RANGE
CENTRE POINT

APPLICATIONS

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

FEATURES



Recyclability
No glue required for installation means panels are fully recyclable



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



Removability
Panels can be easily removed and replaced multiple times

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TECHNICAL DATA



VL-PF3
MATERIAL: ACETAL

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

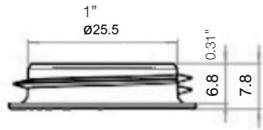
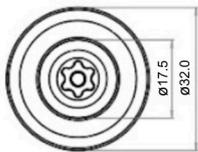
| Model | Material | Min. Pull Out Load |
|-------|----------|--------------------|
| VL-M3 | Acetal | 5kg (11lb) |

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

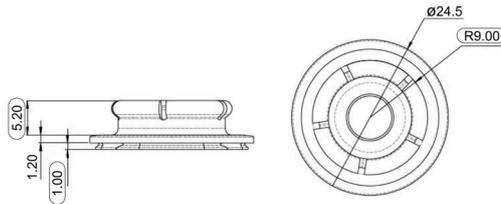
The maximum panel weight for this application is 6kg per m² or 1.2lb per square foot. As an example, for a 2400mm x 1200mm (8' x 4') panel, the maximum panel weights would be 17kg (38lb).

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

VL-PF3 CLIP DIMENSIONS



MALE CLIP DIMENSIONS



PANEL GAP

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



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INSTALLATION OPTIONS

VL-PF3

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

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



Male Clips

VL-M3 can either be screwed or glue mounted.



VL-M3

CENTER POINTS

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



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

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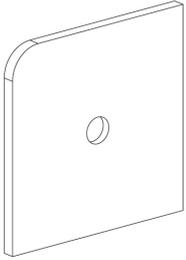
INSTALLATION STEPS

VL-PF3 SCREW MOUNT

INSTALL VL-PF3

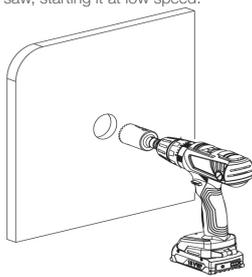
1

It is recommended that mounting holes for the VL-PF3 are routed with CNC



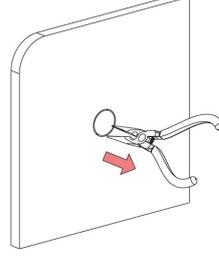
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If not CNC cut: drill a 25mm (1") hole in the acoustic panel. Hole must be 8mm (5/16") deep. It's recommended to use a Diamond Hole saw, starting it at low speed.



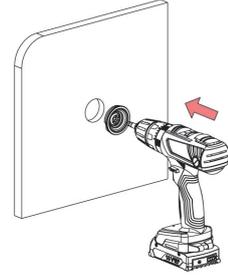
3

If the holes are only profile cut by CNC, or drilled: Use pliers to pull out the core of the drilled hole



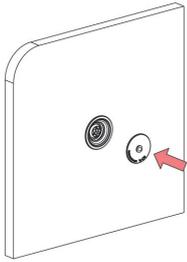
4

Fasten VL-PF3 to the panel with a T45 Torx driver on a low torque setting



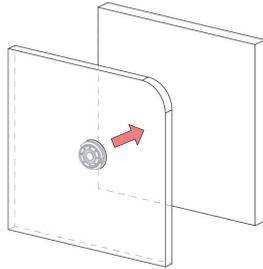
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Place VL-CP3 into VL-PF3



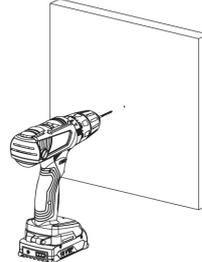
6

Line up the acoustic panel and mark wall with the VL-CP3



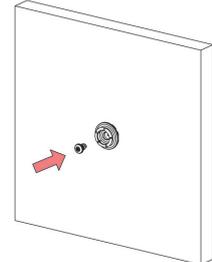
7

Drill pilot hole into wall



8

Fasten VL-M3 into the wall using appropriate screws or adhesive.



9

Clip in acoustic panel

