

PVC Ceiling Panels

Fitting instructions:

General

PVC ceiling panels are unaffected by water or moisture. Make sure area is well ventilated during installation and for some time after. Starline panels should not be exposed to direct sunlight before fixing (may cause thermal distortion) and should not be fixed in temperatures greater than 35°C or below 5°C.

Orientation:

Where practical, it is recommended that panels are installed so that the tongue & groove joints are in line with any window in the room, rather than at 90° to the window.

Chemically Fixing

In the vast majority of installations it is most practical to fit the PVC panels chemically directly to existing sound flat surfaces using a high grab adhesive.

Gluing: The surface must be free of any grease and dust. The adhesive used should provide good initial "grab". Starline specifically recommends Geocel Top Gun Nail Power.

Mechanically Fixing

In case of uneven surfaces or damp ceilings we recommend using anti-rot treated battening. Ensure ventilation behind the cladding by leaving gaps in the battening. Batten spacing should be at 25 to 40 cm centres. Orientation of the battens should be at 90° to the orientation that the panels will be fixed. Make sure battens are flat and level, packing out where necessary on uneven ceilings so that when fixed the cladding does not deform due to curvature of the battens.

The PVC panels can be mechanically fixed to the battens using one of the following methods:

Nailing/screws: use non corrosive nails/screws. Apply nails evenly and level in the panel lip. Be careful not to hit the panel with the hammer.

Stapling: use non corrosive staples at least 14mm long.

When mechanically fixing ceiling panels to battens, it is useful to use a high grab adhesive (see above) to hold panels in place whilst mechanical fixings are applied.

Finishing Trims

It is recommended that 2-part finishing trims are used, in which case the back part of all trims should be fixed prior to the fixing of any panels.

For ceiling applications, it is recommended that the 2-part coving trim is used at the intersection of wall & ceiling.

If fitting ceiling panels only (i.e. no wall panels) the back part of the trim should be fitted such that the slot to take the panels, on the front part of the trim, is orientated correctly to accommodate the ceiling panels.

If fitting both wall & ceiling panels, it is recommended that the ceiling panels are installed first, leaving a 3 – 4mm gap around the perimeter. The back part of the coving trim is then adhesively

fixed over the ceiling panels, once installed and back to the wall and orientated such that the wall panels will fit into the slot on the front part of the trim when fitted

Fixing panels

Firstly check that the room is square. If slightly out of true, any deviation may be covered by the width of the coving trim. In severe cases, a larger, "plant on", coving trim (available from large DIY stores) can be used.

Measure, cut and fix the first length square to the appropriate wall.

If fitting ceiling panels only, measure each and every panel such that it overlaps the back part of the 2-part trim already fitted but is 3 - 4mm shy of the section of the trim which goes down the wall.

If fitting wall & ceiling panels, measure each and every panel so that it is 3 -4 mm shy of each wall.

There is no need, for ceiling applications to use a silicone or adhesive between the panels, at the tongue & groove joint i.e. dry joints.

Once all panels are in position, fix the front part of all the trims into place.

Cutting Panels

Use a fine tooth hand or electric saw.

Temperature Limitation

Starline panels are heat resistant up to 60°C. Therefore, when installing down lights only "no heat" / "low heat" halogen lights should be used.

Colour guarantee:

Starline panels are printed with natural paints and hardened by UV-light. Quality of our products is checked daily. There may, however, be small differences of colour shade due to manufacturing conditions. Please check every pack in daylight prior to use. Any complaint filed after installing the panels will be rejected.

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