



PVC
SHEET

Cladding installation

marvecfs

marvecfs *ultra*

marvecfs *bio*



Plastic Sheets

marvecfs

FLAT PVC WALL & CEILING CLADDING

MARVEC FS PVC CLADDING SHEET AND ACCESSORIES ARE LIGHTWEIGHT, EASY TO INSTALL AND EASY TO CLEAN. THE TOUGH AND DURABLE SURFACE, AVAILABLE IN A MATT, GLOSS AND SATIN FINISH IS IMPERVIOUS TO DIRT AND GRIME IS THE PERFECT CHOICE FOR WALL AND CEILING APPLICATIONS INCLUDING GARAGES, OUT HOUSES, CHANGING ROOMS, ROOM DIVIDERS AND ANIMAL HOUSING.



- Light in weight
- Easy to install
- Easy to clean
- Hardwearing
- Excellent fire performance

IMPORTANT

These instructions are guidelines only and do not include all the appropriate equipment which should be used in accordance with safety regulations.



H-Section
division bar



J-Section
capping strip



C-Profile
inside corner



F-Section
external corner



H-Section
division cap



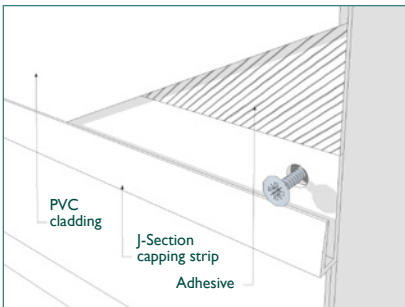
H-Section
division base

INSTALLATION CHECKLIST

It is essential to maintain consistency of appearance when fitting Marvec FS.

- Ensure walls are smooth, level, dry, clean and free from dust.
- Ensure power points, electrical switches, plumbing pipework etc. are all finished.
- First, plan and measure where the cladding will go.
It is often easiest to start installation at an internal corner.
- Never install cladding near hot areas as this could distort the sheets.
- Ideally, use sheets from the same production batch, and in the same orientation, for each project.
- Store cladding for 24 hours at a similar temperature to the destination room temperature.

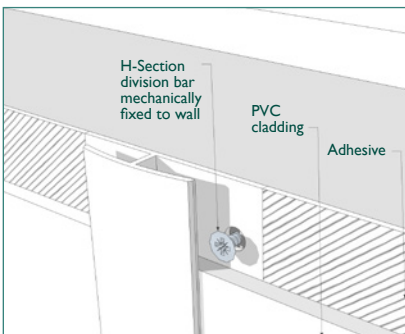
INSTALLATION



Use the J-Sections to frame the top and bottom edges of the sheets. Screw the J-Section to the wall as shown, over beads of silicone.

Apply adhesive to the back of the sheet and apply a bead of silicone to the inside of the J-Section to make a watertight seal with the sheet. The silicone seal is especially important at the base, where wet cleaning may occur.

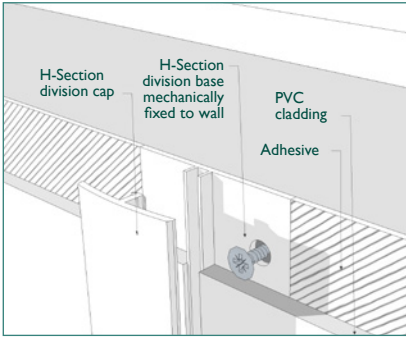
Drop the first sheet in to the bottom J-Section and flex it into the top J-Section, leaving a couple of mm clearance inside the profiles for thermal expansion.



If using a one part H-Section, apply a bead of silicone to the inside of the profile, then slide the H-Section onto the sheet's vertical edge. Leave a 2-3mm expansion gap inside the profile. Screw the H-Section to the wall as shown.

Continue with the next sheet along by dropping it into the bottom J-Section, flexing it into the top J-Section, and sliding the sheet sideways to the H-Section.

Ease the sheet into the H-Section starting at the bottom and working up the sheet, at a slight angle.



If using a two part H-Section, apply a bead of silicone to the inside of the profile, then slide the H-Section base behind the sheet.

Leave a 2-3mm expansion gap between the edge of the sheet and the central fin of the base, and screw the base to the wall as shown.

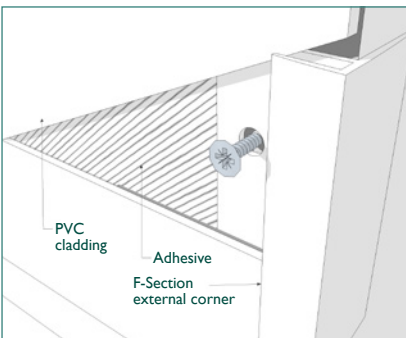
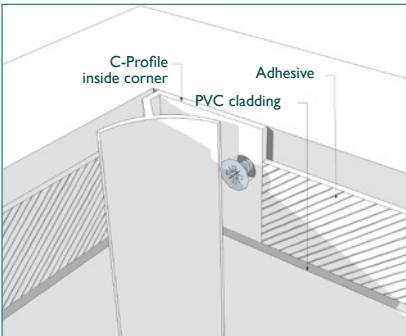
Continue with the next sheet along by dropping it into the bottom J-Section, flexing it into the top J-Section, and sliding the sheet sideways to the H-Section.

Once all sheets are in position, press to click the H-section top caps in place.

Use Inside Corner C-Profiles and External Corner F-Profiles where walls come together to form an angle.

Screw the profile to the wall, use sealant, slide sheets in and leave a 2-3mm expansion gap in a similar way to the H-Sections.

Remove the protective film from sheets after installation is complete.



CUTTING

Use a craft knife or a saw with a sharp blade designed for cutting wood or plastic. This gives a cleaner result than fine tooth metal saws. Sheets at room temperature are easier to cut.

Recommendations	Circular Saw – 40/60 Diamond Grit Blade
Clearance Angle	10 - 15
Rake Angle	0 - 6
Cutting Speed	1800 2400m/min
Feed Speed	19 – 25m/min



ADHESIVES

The recommended adhesive for installing PVC Cladding sheet is Polyurethane (PU) to be applied to the back of the cladding sheet. In most situations, one 300ml cartridge of PU adhesive per 2400 x 1200 (8ft x 4ft) sheet is sufficient.

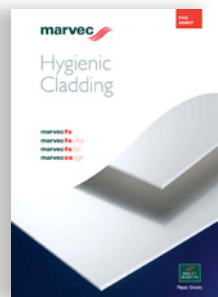
CLEANING

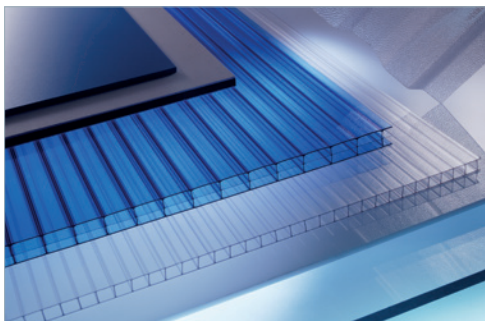
Anti-static cleaner or warm soapy water can be used with soft cloths or wipes. **DO NOT** use abrasives or squeegees. Pressure cleaning systems may be used at a minimum distance of 600mm (2ft) from the wall surface. Ensure the water is warm, not hot.

TEMPERATURE

The cladding sheets are non-toxic, impervious to dirt and easy to clean and can be used from -20° to +60°C, so can be used in a range of domestic and industrial settings, including cladding food preparation areas.

For more information on Marvec PVC cladding sheet please refer to our brochure.





Brett Martin's plastic sheets product range includes extensive options in foam PVC, polycarbonate, PVC, acrylic, aPET, PETg, SAN and styrene.



Plastic Sheets

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