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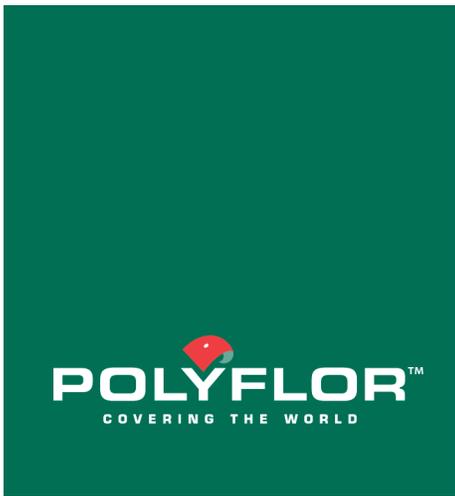Installation guide for wall cladding

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Installation guide for wall cladding

PREPARATION

- On receipt of rolls, check that colors correspond to those ordered, that quantities are correct and that there is no damage.

- In particular, check that rolls are from one batch, if that was requested on the order.

- On arrival at site, the rolls should be safely secured in an upright position and stored, together with the adhesive, at a minimum temperature of 18°C for at least 24 hours before laying.

- To achieve best results, site conditions should have a working temperature of between 18°C and 26°C for at least 24 hours prior to, and during, the laying period and for 24 hours afterwards. Conditioning areas and laying areas should be of similar temperature, to prevent thermally induced dimensional changes.

- Inflammable adhesives require special storage conditions. Contact the adhesive manufacturer or see current literature for details.

- The wall surface must be smooth, sound, clean and dry. All paint; oil, grease, excessive dust and any other contaminants liable to impair adhesion must be removed, prior to application of the wall cladding.

- Plaster and plasterboard / drywall are ideal substrates.

- Prime the areas of plastered wall with a primer, as recommended by the adhesive manufacturer, and allow to dry completely.

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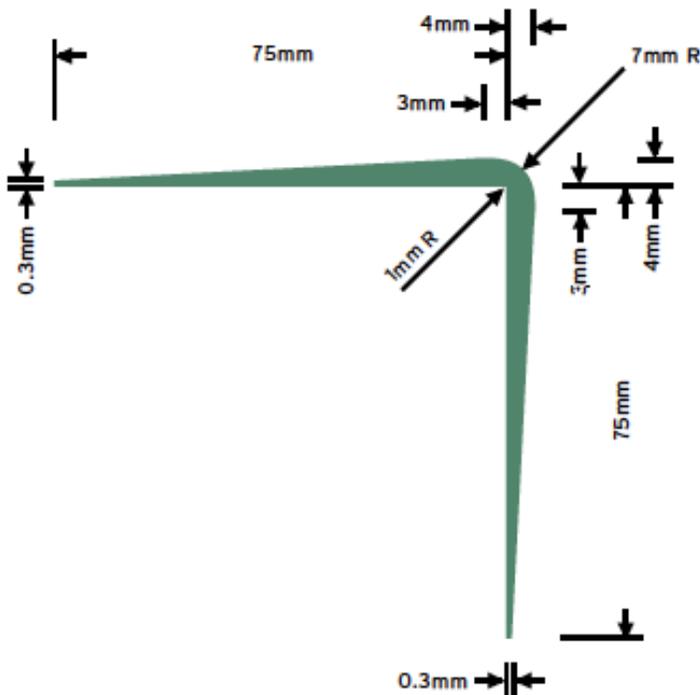Installation guide for wall cladding

SUGGESTED INSTALLATION METHOD

External angles

To enable the wall cladding to be formed around external corners, it will be necessary to fit and adhere 'Polyflor Ejecta EFA75' cornercap profile to all external corners.
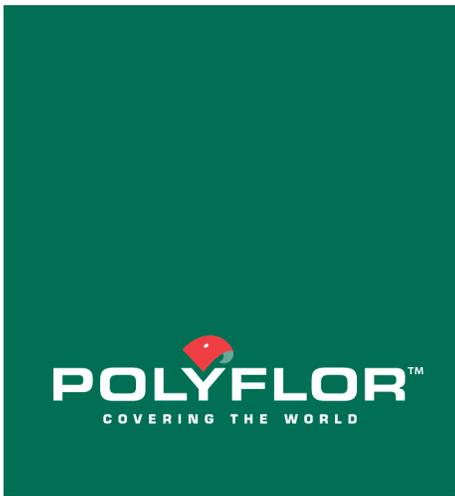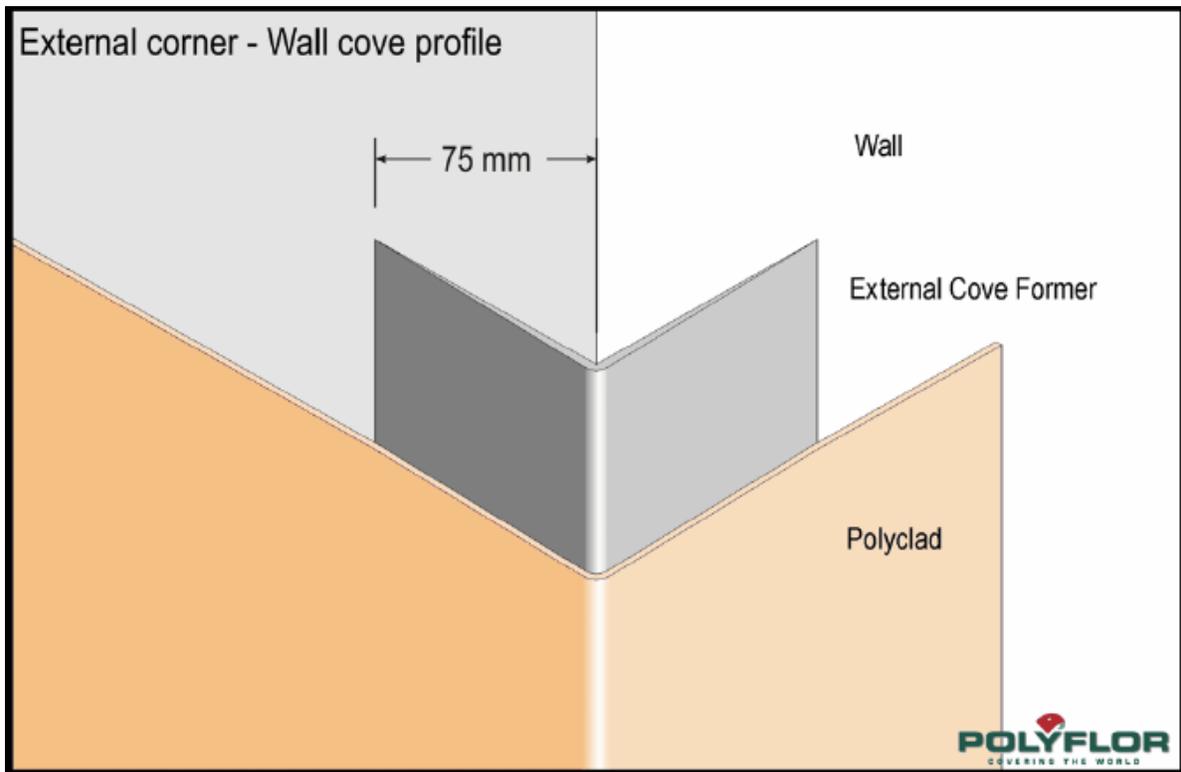
EFA75

EFA75

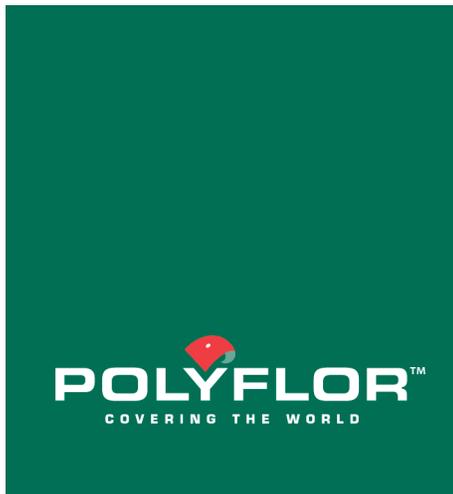Available in 2-meter lengths
(2.19 yards)

Black only

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External corner - Wall cove profile

75 mm

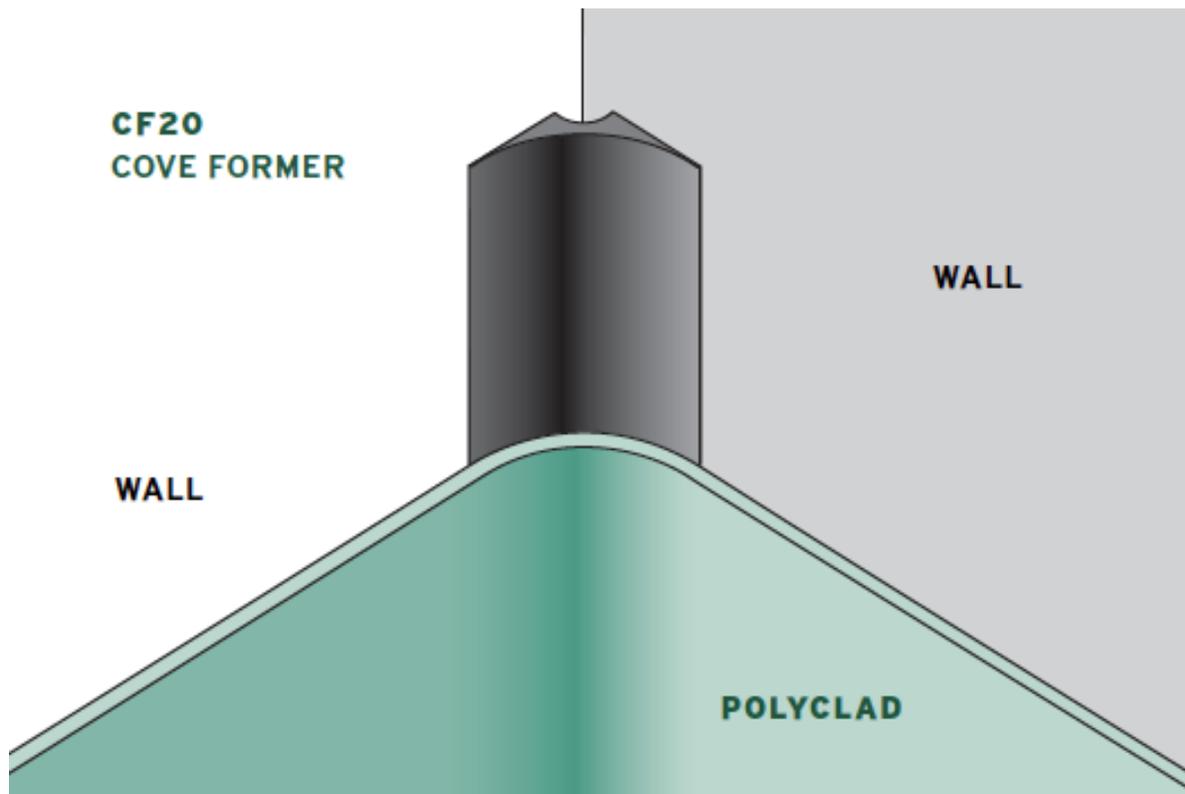Wall

External Cove Former

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Fit and adhere the EFA75 cornercap profile to all external corners. Use a recommended contact adhesive to secure the EFA75, and press firmly.

Internal Angles

Fit and adhere the CF20 cove former to internal corners and at the junction of the ceiling and top of the wall. Use a recommended contact adhesive and press firmly.

First fit the mitres in the corners and at the junction of the ceiling and top of the wall. For ease of use short lengths of approximately 300 mm are recommended.

When all corners are completed fit and adhere the longer straight lengths using the same method

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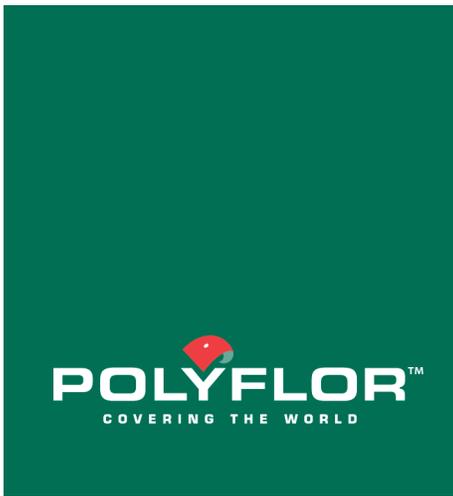
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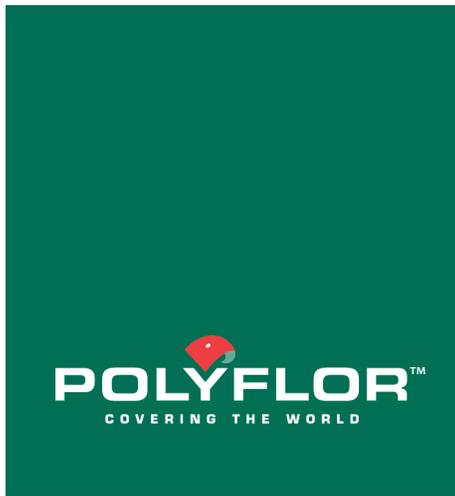
Installation guide for wall cladding

When all the cove former is fixed apply contact adhesive to the face of the cover former and 150 mm either side of the corner edge. Allow to become touch dry before applying the Polyclad

Apply contact adheisve to the corresponding area on the back of the Polyclad and allow to go touch dry before installing

Using a plumb line draw a vertical line at 150 mm and cut through using a straight edge and utility knife

Note: Do not attempt to take large pieces of wall cladding around corners. The walls may not be vertical or square and can cause a run off or possible rucking of the vinyl at the next seam. In these instances work to 150mm around the corner (see below)

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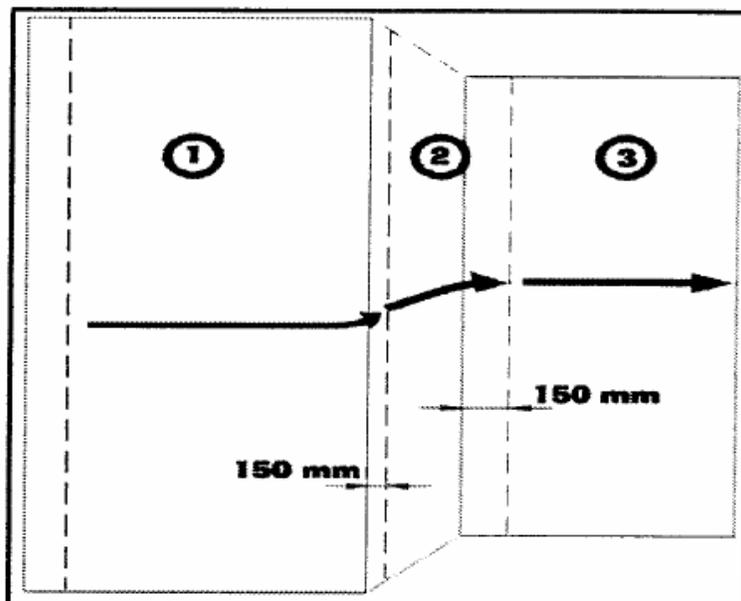
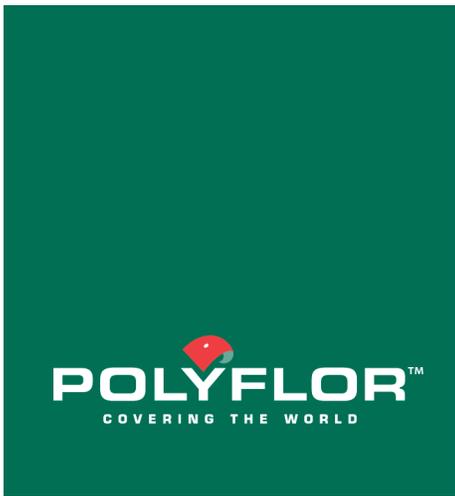Installation guide for wall cladding

Prior to placing the vinyl into position, and to give extra support, it will be necessary to apply a recommended contact adhesive to the back of the vinyl, approximately 150mm deep at the top edge, and corresponding to the pressure points, such as external and internal angles and coved radiuses. Allow to become touch dry before applying Polyclad.

Roll up the vinyl with the face innermost, and with the decoration running either vertically or horizontally, dependent on the size of roll, wall and application preference.

Spread a further coat of recommended adhesive as directed by the adhesive manufacturer, to the prepared wall surface. Apply up to the contact adhesive.

When ready, and working to the vertical/horizontal line on the wall, apply the vinyl to the line, ensuring there are no ripples or run-outs.

Roll the entire area using a flooring grade hand roller, from the center outwards, to exclude air. A second rolling will be necessary.
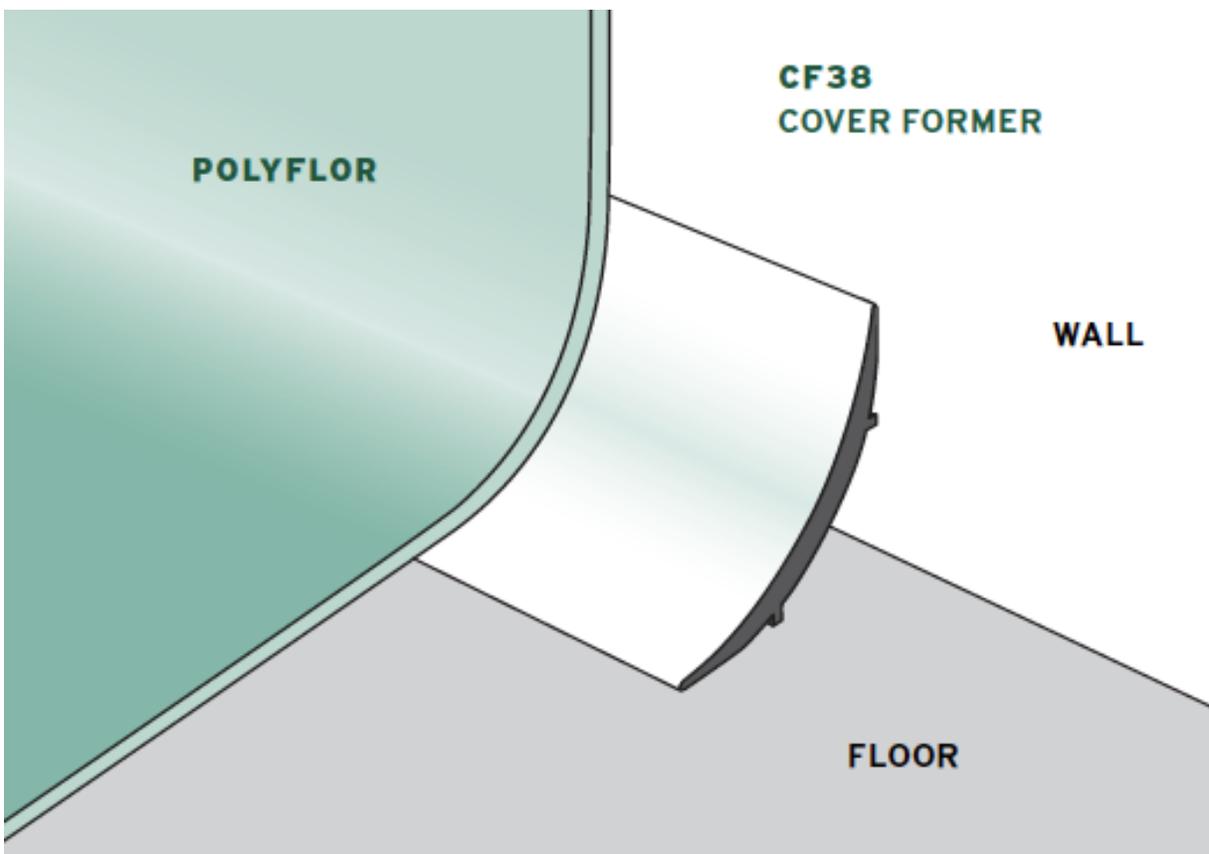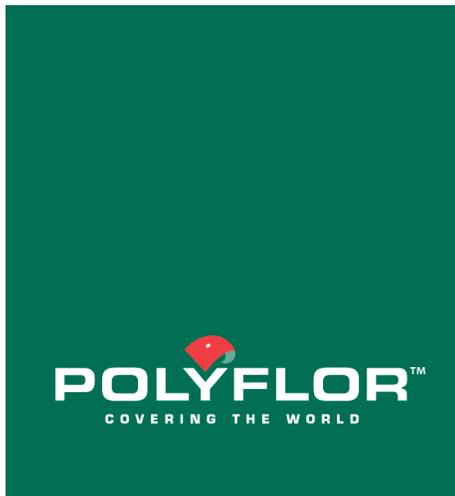
Flash Coving the vinyl flooring

Flash coving the vinyl up the wall to meet Polyclad will require the use of a CF38 Cove Former from the Ejecta collection

The CF38 Cove Former will create a radius to allow the sheet vinyl to be taken up the wall. CF 38 Available in 2-meter lengths (2.19 yards) Black only

Welding

Due to the thickness of Polyclad Pro (1.25mm) we recommend that all joints be 'V' grooved to 7/8ths of the thickness.

The joint may now be welded using matching Ejecta Weld Rod. (We strongly recommend that the heat settings be tried out on a scrap piece of material first).

A full description of the welding technique is given in the Polyflor Technical Information Manual.

The level of workmanship required is very high and it is essential that the installer shows that the required standards can be reached prior to carrying out the installation.
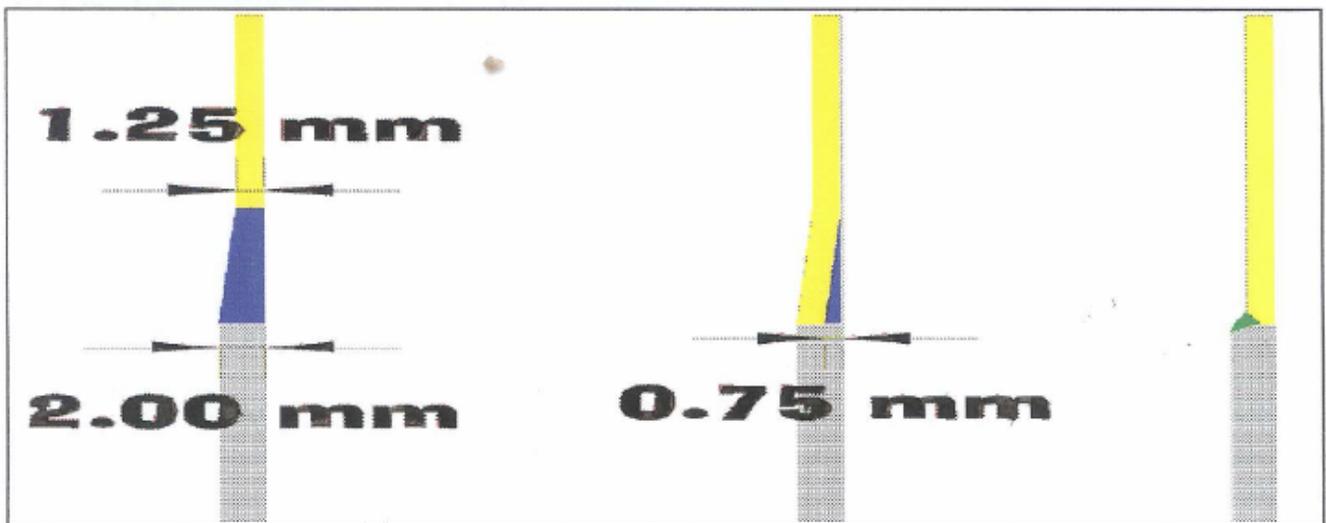
Polyclad Plus (2mm) should be welded using the normal method.
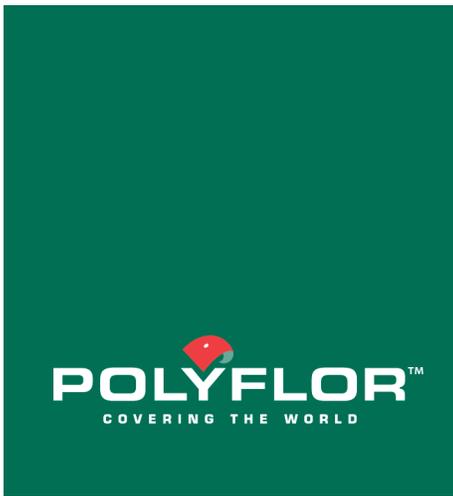
Abutment of 2mm vinyl to 1.25mm Polyclad Pro

Cut in the top and bottom edges of each strip to suit adjoining material. If abutting 2mm and 1.25mm Polyclad then a choice of three methods is recommended.
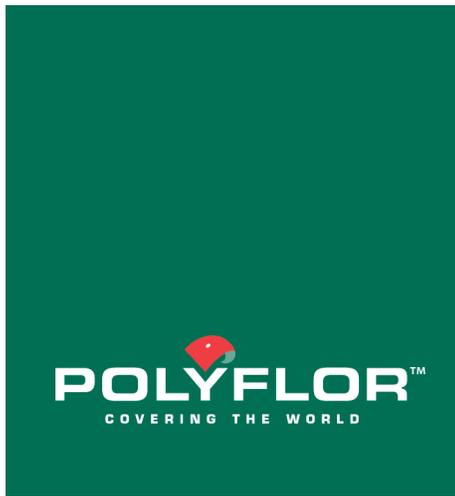

Method 1   Method 2   Method 3

Method 1

Using a 2mm diminishing strip cut off the toe to reduce this to 1.25mm. The diminishing strip can then be stuck to the wall with contact adhesive. The Polyclad is then cut to abut the top edge of the diminishing strip.

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Method 2

Using a 2mm diminishing strip, cut off the heel so that the thickest part of the section is 0.75mm. Stick this to the wall, sitting on top of the 2mm vinyl with a contact adhesive. The Polyclad can now be stuck over the strip using contact adhesive and the bottom edge cut to abut to the 2mm vinyl. This joint can now be grooved and welded as previously described.
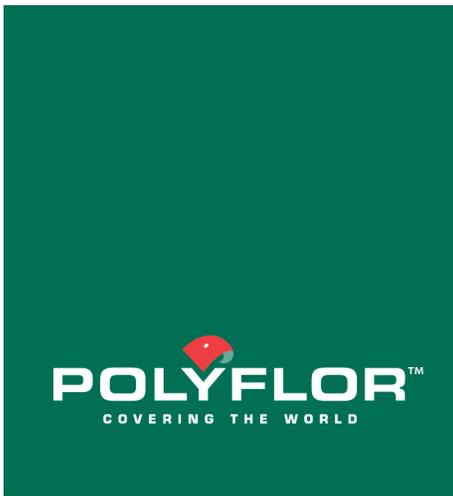
Method 3

The Polyclad and the 2mm vinyl are simply butted together. The joint can then be grooved and welded. Trimming must be carried out with an 'Exacto' tool as the normal spatula trimming knife will remove some of the vinyl sheet

Overlap Method

In addition to the traditional method of abutting Polyclad to vinyl, we are now able to recommend the overlap method of installation for Polyclad Pro PU in conjunction with 2mm Polysafe, e.g. Polysafe Hydro Evolve.

- The flooring is coved 150mm up the wall
- Stick the diminishing strip to the wall with a contact adhesive
- The wall covering is adhered over the diminishing strip and the area of coved vinyl with a contact adhesive which overlaps the floorcovering by 50mm
- Double sticking the product ensures a strong bond
- The bottom edge is sealed with a heavy duty silicone sealant

Finishing Polyclad halfway up a wall

If the installation of Polyclad finishes halfway up a wall instead of ending at the ceiling different methods can be used to transition the product back to the dry wall.

A. Use a capping strip

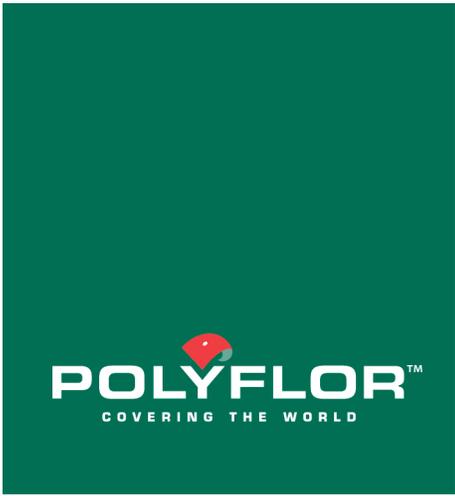**B.** Use a bevelled strip

C. Use a bead of mastic

The choice used would depend on the level of cleanliness the end user requires.

A bevelled strip would be best for hygiene as it does not create a ledge onto which dust/bacteria can gather.
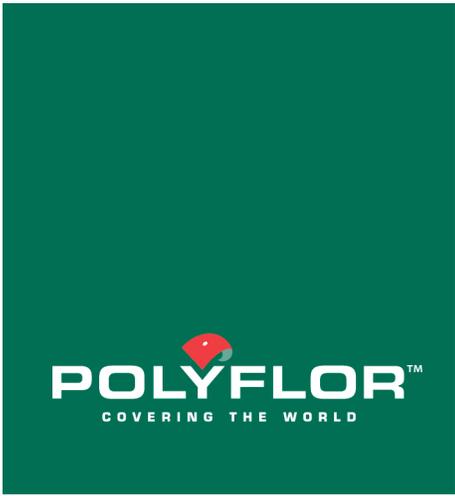
Adhesives

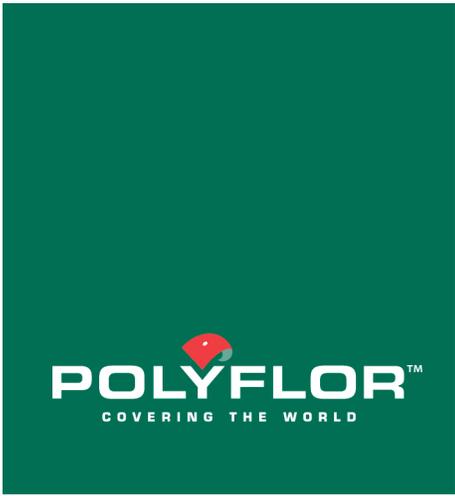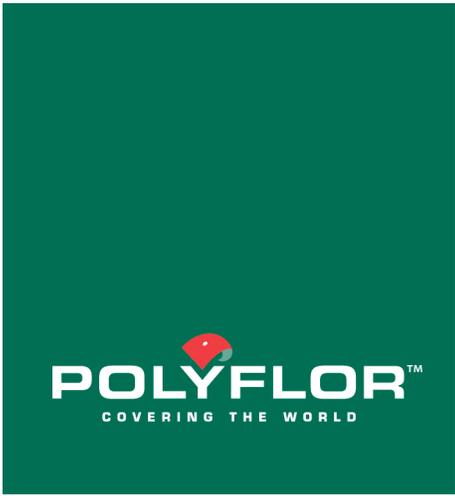Mapei Eco 901

Contact adhesive

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