

SPECIFICATION NO	DESCRIPTION	DATE
PS39	POLYFLOR - POLYCLAD PRO 1.25mm/POLYCLAD PLUS/XL PU 2mm WALL/CEILING CLADDING	OCTOBER 2025

ARCHITECTURAL SPECIFICATION/BOQ

SPECIFICATION

Supply and install Polyclad Pro PU/Polyclad Plus PU/XL PU, flexible PVC sheeting in 1.25mm/2mm thickness, homogeneous and monolayer in construction and manufactured by calendaring and pressing, to ensure a dense and smooth surface, in respect of flame spread, the cladding shall have been fully tested to EN 13501-1 by an independent test house and in relation to its reaction to fire behaviour is classified Bs2d0* *these results are achieved on plasterboard attached with an acrylic based adhesive, tested to AS/NZS 3837 and achieve a Group classification of 1, tested to ISO 5660 in accordance with NZBC (New Zealand Building Code) the product shall achieve Group Number Classification 1-S and with NCC (National Construction Code) achieve Group Number Classification 1, a Class A result should be achieved when tested to ASTM E84, achieve class A when tested to ASTM F51/68, suitable for clean room use to ISO 14644-1 Class 4, in respect of light fastness, the cladding material shall have been fully tested to ISO 105-BO2 Method 3 as having a pass to ≥6

Colour:

Code:

INSTALLATION

- A. Prime the areas of plastered wall with a primer, as recommended by the adhesive manufacturer, and allow to dry completely.
- B. Mark the first vertical line on the wall using a plumb line. Use only pencil for marking the wall and vinyl.
- C. Cut the Polyclad to size, allowing a small amount for cutting in.
- D. Apply a recommended contact adhesive 150mm wide at the top edge of the wall, adjacent to the ceiling and corresponding to all pressure points, such as external and internal angles and coved radiuses.
- E. 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.
- F. 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.
- G. Spread a further coat of recommended adhesive to the prepared wall surface.
- H. When ready, and working to the vertical line on the wall, apply the vinyl to the line, ensuring there are no ripples or run outs.
- I. Roll the entire area using a flooring grade hand roller, from the centre outwards, to exclude air. A second rolling will be necessary.



External angles

- A. To enable the wall-cladding to be formed around external corners, it will be necessary to fit and adhere a corner cap profile to all external corners.
- B. Fit and adhere the corner cap profile to all external corners. Use a recommended contact adhesive to secure the corner cap and press firmly.
- C. When all the corner cap profile is fixed, apply contact adhesive to the surface and to 150mm either side of the corner edge. Allow to become touch dry before applying Polyclad.
- D. Apply contact adhesive to the corresponding area on the back of the Polyclad and allow to go touch dry before installing.

Internal angles

- A. To enable the wall cladding to be formed around internal corners, it will be necessary to fit and adhere cove former to all internal corners.
- B. Fit and adhere the 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 300mm are recommended.
- C. When all corners are completed, fit, and adhere the longer straight lengths, using the same method. When all the cove former is fixed, apply contact adhesive to the face of the cove former and 150mm either side of the corner edge. Allow to become touch dry before applying the Polyclad.
- D. Apply contact adhesive to the corresponding area on the back of the Polyclad and allow to go touch dry before installing.
- E. All joints should be heat welded on completion, allowing at least 24 hours after fitting for sufficient moisture to dry out of the adhesive. Finally, trim welds when cold to prevent sunken welds.

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 runoff or possible rucking of the vinyl at the next seam. In these instances, work to 150mm around the corner.

MAINTENANCE

General advice

- Regular cleaning is more beneficial to the wallcovering and more cost-effective than occasional heavy cleaning
- Always follow the Health & Safety guidance provided and dilute cleaners and detergents in accordance with the manufacturers' instructions
- Do not use strong kitchen detergents on vinyl surfaces
- For recommended products, please contact Polysales on (011) 609 3500

After installation, including welding, is completed, the material should be left for 24 hours before any cleaning is carried out.

Daily Maintenance

- For light soiling wipe the walls with a damp cloth, using a neutral cleanser diluted to the manufacturer's instructions
- Never use an abrasive pad

Routine and Periodic Maintenance

- If heavily soiled, especially with grease, wipe the walls with a damp cloth, using an alkaline cleanser diluted to the manufacturer's instructions.
- Afterwards, rinse the walls using clean warm water and a small amount of neutralising agent such as acetic acid.

Steam Cleaning

The Polyclad range of wall and ceiling coverings are suitable for steam cleaning on a periodic basis.