

SPECIFICATION SHEET NO:	PSA 06 Wall	DESCRIPTION:	XL PU 1.50mm	DATE:	APRIL 2023
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## ARCHITECTURAL SPECIFICATIONS / BOQ

### SPECIFICATION:

Supply and install 1.50mm thick x 2.00m wide XL PU marbled design vinyl sheeting manufactured in accordance with EN 649 onto plaster or plasterboard, ensuring the wall surface is smooth, sound, clean and dry, free of paint, oil, grease, excessive dust and any other contaminants,

Colour:

Code:

### INSTALLATION: (PLEASE NOTE: ALWAYS USE COMPATIBLE PRODUCTS FROM ONE SUPPLIER)

- Prime the areas of plastered wall with a primer, as recommended by the adhesive manufacturer, and allow to dry completely.
- Mark the first vertical line on the wall using a plumb line. Use only pencil for marking the wall and vinyl.
- Cut the XL PU to size, allowing a small amount for cutting in.
- 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.
- 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 XL PU.
- 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 to the prepared wall surface.
- 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.
- 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

- 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.
- Fit and adhere the corner cap profile to all external corners. Use a recommended contact adhesive to secure the corner cap, and press firmly.
- 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 XL PU.
- Apply contact adhesive to the corresponding area on the back of the XL PU and allow to go touch dry before installing.

#### SPECIALIST FLOORING & WALL PROTECTION PARTNER

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### 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 XL PU.
- D. Apply contact adhesive to the corresponding area on the back of the XL PU 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-WALL CLADDING:

#### 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 Polyflor SA 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 XL PU range of wall and ceiling coverings are suitable for steam cleaning on a periodic basis.

HOMOGENEOUS



\*Refer to BRE Global ratings on [www.greenbookblue.com](http://www.greenbookblue.com)

GAUGE	COLOUR
2.0mm	24 - ex-stock
*1.5mm	18 - ex-stock



HOMOGENEOUS



The closest perceived NCS - Natural Colour System references are quoted for your convenience. For more information see [www.naturalcolour.com](http://www.naturalcolour.com)



POLYFLOR XL PU

1.5mm	2m x 27.5m = 55m <sup>2</sup>	300 x 300mm	608 x 608mm	2360g/m <sup>2</sup>
2.0mm	2m x 20m = 40m <sup>2</sup>	4.5m <sup>2</sup>	5.17m <sup>2</sup>	3200g/m <sup>2</sup>

	<b>GENERAL PERFORMANCE</b> EN 649 / EN ISO 10581 ASTM F1913 ASTM F1700	1.5mm							
		2.0mm							

	<b>REACTION TO FIRE</b> EN 13501-1 Class Bfl-S1 ASTM E662 Class 1 ASTM E648 Class 1
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	<b>SLIP RESISTANCE</b> EN 13893 Class D5 AS/NZS 4586 R9		<b>ABRASION RESISTANCE</b> EN 660-2 Group M EN ISO 10581 Type II
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	<b>ELECTRICAL BEHAVIOUR</b> (body voltage) EN 1815 ≤2kV Classified as 'antistatic'		<b>MARITIME USAGE</b> Marine Equipment Directive † 96/98/EC SOLAS 74
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	<b>VOC EMISSIONS</b> Indoor Air Comfort GOLD Eurofins certified product AgBB VOC test: Pass FloorScore certified (SCS Certificate Reg No: SCS-FS-02034) Finnish M1 Classification: Pass Swedish B.P.D (FLEC test): Best Class GBCA/NZGBC Green Star IEQ-VOC: Compliant
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	<b>CASTOR CHAIR</b> (continuous use) Suitable		<b>INDENTATION RESIDUAL</b> ASTM F970 (Modified) Static load 750psi
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	<b>ENVIRONMENTALLY PREFERABLE FLOORING</b> Polyflor XL PU achieves a BRE Global Environmental A+ Rating (Certificate No: ENP 472) in major use areas such as education and healthcare. Generic EN 15804 Environmental Product Declaration (EPD) available on request. XL PU is 100% recyclable and contains 25% recycled material. Recyclable via the Recofloor scheme. Visit <a href="http://www.polyflor.com/environment">www.polyflor.com/environment</a>
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	<b>AGRÉMENT ASSURANCE</b> Polyflor XL PU has been independently assessed by the British Board of Agrément and product performance is assured for at least 10 years in recommended use areas. With proper maintenance, the appearance and colour will be retained during this period.
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	<b>HYGIENE</b> All Polyflor commercial sheet vinyl ranges provide a continuous, impervious and hygienic flooring solution which can be confidently cleaned in accordance with recommended maintenance procedures and approved maintenance products. The implementation of an effective cleaning regime is the most important defence against infection.
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	Polyflor XL PU features a polyurethane surface treatment which provides an excellent foundation for an easy, ongoing maintenance regime.
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	<b>APPLICATIONS</b> Polyflor XL PU is recommended for public, institutional and commercial buildings where ease of maintenance and long life under heavy traffic are required e.g. hospitals, schools, laboratories, offices etc.
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	Polyflor homogeneous PUR, heterogeneous PUR and Polysafe safety flooring ranges are compatible for use with the most commonly used alco-based hand gels. Some alco-based hand gels contain a high concentration of ethanol and to discuss their compatibility with XL PU, contact Polyflor Customer Technical Services. For information regarding handling and installation, adhesives, maintenance, applications, chemical resistance and product warranty, consult Polyflor Customer Technical Services on +44 (0)161 767 1912, or email <a href="mailto:tech@polyflor.com">tech@polyflor.com</a> .
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POLYFLOR  
**XL PU**

HOMOGENEOUS

PERFORMANCE AND  
PROPERTIES



In collaboration with the European Research Training Group (ERTG) Polyflor Ltd supports a combination of Environmental Product Declarations (EPDs).

