

## SPECIFICATION



**TOTAL THICKNESS**  
EN 428 / EN ISO 24346 2.0mm



**ROLL SIZE**  
EN 426 / EN ISO 24341  
2m x 20m = 40m<sup>2</sup>



**TOTAL WEIGHT**  
EN 430 / EN ISO 23997  
3530g/m<sup>2</sup>



**REACTION TO FIRE**  
EN 13501-1 B-s3-d0  
ASTM E648 Class 1  
AS/NZS 3837 Group 1  
ISO 5660  
NZBC Verification Method C/VM2 Appendix A Class 1 smoke greater than 250m<sup>2</sup>/kg  
NCC Specifications C1.10 and A 2.4 Class 1 smoke greater than 250m<sup>2</sup>/kg



**CLEAN ROOMS**  
ASTM F51 Class A - 'non-shedding'  
Suitable for use in the following class of clean room:  
ISO 14644-1 1999 Class 4



**VOC EMISSIONS**  
GBCA/NZGBC Green Star IEQ-VOC : Compliant  
AgBB/DiBT: Pass



**FLEXIBILITY**  
EN 435 No crack using  
20mm Mandrel



**RESISTANCE TO CHEMICALS**  
Good resistance to dilute acids  
and alkalis. Chemical resistance  
charts available on request.



**HYGIENE**  
All Polyflor commercial sheet vinyl ranges provide a continuous, impervious and hygienic 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.



**LIGHT FASTNESS**  
ISO 105-B02 Method 3 ≥6



**DIMENSIONAL STABILITY**  
EN 434 <0.4%



**ENVIRONMENT**  
Polyclad Plus PU is 100% recyclable and contains 25% recycled material.  
Recyclable via the Recofloor scheme. Visit [www.polyflor.com/environment](http://www.polyflor.com/environment)



Polyclad Plus PU features a polyurethane surface treatment which provides an excellent foundation for an easy, ongoing maintenance regime.



**APPLICATIONS**  
Welded Polyclad Plus PU creates an impervious, continuous surface which offers no sanctuary to dirt and bacteria and will not shed dust. Developed specifically to meet the advanced requirements of today's medical, science and electronics industries. Polyclad Plus PU is suitable for use in cleanrooms, semi-conductor manufacture, precision machinery manufacture, the pharmaceuticals industry, food processing plants and any area where hygiene, low maintenance and economy are important. It is recommended that Polyclad Plus PU is used in conjunction with the Polyflor range of vinyl floorcoverings.



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 [tech@polyflor.com](mailto:tech@polyflor.com).

At the date of issue the data presented is correct.  
However, Polyflor Ltd. reserve the right to make changes which do not adversely affect performance or quality.



# POLYFLOR POLYCLAD PLUS <sup>PU</sup>

## WALL CLADDING

## PERFORMANCE AND PROPERTIES

<b>CE</b>	
1121	
Polyflor Ltd, PO Box 3, Radcliffe New Road, Whitefield, Manchester, M45 7NR 13 1121 CPR - KA005B	
EN 15102:2007+A1:2011 Heavy duty wallcoverings	
Reaction to fire class	B-s3-d0 on plasterboard attached with an acrylic based adhesive
Release of formaldehyde	None
Release of other dangerous substances: - of heavy metals and specific elements - of vinyl chloride monomer (VCM)	<10mg/Kg <0.2mg/Kg
Sound absorption	NPD
Thermal resistance	NPD

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FLOORING



2011

**POLYFLOR**<sup>TM</sup>  
COVERING THE WORLD