



- The flooring shall be Polyflor XL PU, as manufactured by Polyflor Ltd. of Manchester, England.
- The flooring shall be flexible PVC sheet flooring in 1.5mm and 2.0mm thickness.
- It shall be homogeneous and monolayer in construction.



- The flooring material shall conform fully with the requirements of EN 649.
- In accordance with EN 649, the in-use classification must be at least 23/34/43, as defined in EN 685, i.e. domestic areas with intense use; commercial areas with very heavy use; and light industrial areas with heavy use for the 2.0mm gauge. The in-use classification for the 1.5mm product must be at least 23/32/41, as defined in EN 685.
- In respect of flamespread, the flooring shall have been fully tested to EN 13501-1 and certified as having Class Bfl-S1, achieving the criteria EN ISO 9239-1 $\geq 8 \text{kw/m}^2$ and the mandatory requirement of EN ISO 11925-2 pass.
- The flooring shall have been fully tested to ASTM E648 and certified as having passed with a Class 1 rating, making it suitable in institutional, commercial and public buildings.
- With regard to EN 13893 for slip resistance, the flooring shall be classified DS, making it suitable for use in areas which are predominantly dry, but with occasional spillage.
- The product must have been fully tested for abrasion resistance to the Frick Taber test EN 660: Part 2 and be in abrasion group M, as defined in EN 649.
- This product does not accumulate static charges above 2kV and is classified as 'antistatic' when tested to EN 1815. For specialist applications where there is a requirement to dissipate the electrostatic charge, see the Polyflor ESD product ranges.
- The flooring achieves a BRE Green Guide to Specifications A+ rating, certificate number ENP 336
- The flooring shall possess a valid Agrément certificate rating the product G5ws, for the 2.0mm product, when laid in accordance with the instructions of Polyflor, with coved skirtings and welded joints. The 1.5mm gauge must possess a valid Agrément certificate rating the product G3ws.
- The flooring must be available in 2.0 metre width, to minimise the number of joints.
- In respect of light fastness, the flooring shall have been fully tested to ISO 105-B02 Method 3 and obtain ≥ 6 .



- The manufacturer of the floorcovering must be in possession of a valid quality systems certificate, showing compliance with BS EN ISO 9001: 2000.
- The manufacturer of the floorcovering must be in possession of a valid environmental certificate, showing compliance with ISO 14001.



- A moisture test must be carried out, to ensure that the subfloor has dried out to a level consistent with the application of vinyl flooring. The test should be carried out using a hygrometer, in accordance with the instructions in BS 8203. The result should not exceed 75%RH, once equilibrium has been achieved.
- The adhesive used must be approved by Polyflor, to ensure full product compatibility.
- Products must be fully conditioned to the environment in which they are to be installed, as outlined by Polyflor.
- Installation must be carried out in accordance with BS 8203 and the instructions of Polyflor.
- All joints must be welded.



- 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.



- 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 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 and chemical resistance, consult Polyflor Customer Technical Services on +44 (0)161 767 1912, or email tech@polyflor.com.

POLYFLOR

XL

HOMOGENEOUS

PRODUCT SPECIFICATION

POLYFLOR LTD. PO BOX 3 RADCLIFFE NEW ROAD WHITEFIELD MANCHESTER M45 7NR UK
 TEL: +44 (0)161 767 1111 UK SALES DIRECT: +44 (0)161 767 1122 UK FAX: +44 (0)161 767 1128
 EXPORT FAX: +44 (0)161 767 1166 E-MAIL: INFO@POLYFLOR.COM WWW.POLYFLOR.COM
 UK SAMPLE REQUESTS: +44 (0)161 767 2551

James Hulstead
 FLOORING



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