



- The flooring shall be Polyflor Standard XL, as manufactured by Polyflor Ltd. of Manchester, England.
- The flooring shall be flexible PVC sheet flooring in 1.5mm, 2.0mm, 2.5mm and 3.0mm thickness.
- It shall be homogeneous and monolayer in construction.



- The flooring material shall conform fully with the requirements of EN 649/ EN ISO 10581.
- In accordance with EN 649, the in-use classification must be at least 23/34/43, as defined in EN 685/EN ISO 10581, i.e. domestic areas with intense use; commercial areas with very heavy use; and light industrial areas with heavy use for the 2.0mm, 2.5mm, 3.0mm gauges. The in-use classification for the 1.5mm product must be at least 23/32/41, as defined in EN685.
- In respect of flamespread, the flooring shall have been fully tested to EN 13501-1 and certified as having Class Bfl - S1.
- For the 1.5mm and 2.0mm gauges, the flooring shall have been fully tested to ASTM E648 by an independent test house and be classified as Class 1 rating, making it suitable for use in institutional, commercial and public buildings. The 1.5mm and 2.0mm gauge flooring shall also have been tested to ASTM E662 and have a result of <450.
- 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 660-2 and be in abrasion group M, as defined in EN 649.
- With regards to EN ISO 10581 the product shall be classified Type II.
- The flooring must possess a valid Agrément certificate when laid in accordance with the instructions of Polyflor, with coved skirtings and welded joints
- 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 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  $\geq 6$ .



- The flooring will achieve a BRE Global Environmental A+ rating ENP 472 in the Green Guide to Specification in major use areas such as education and healthcare.
- Generic EN 15804 Environmental Product Declaration (EPD) available on request.
- The manufacturer should provide a facility to take back and recycle waste vinyl flooring material through the Recofloor scheme.
- The flooring shall be tested to and pass key independent, international standards for low VOC emissions.



- The manufacturer of the floorcovering must be in possession of a valid quality systems certificate, showing compliance with BS EN ISO 9001.
- 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 to produce hygienic, continuous floors.
- Suitable for use with underfloor heating up to 27°C. See Polyflor Technical Information Manual for details.



- Polyflor Standard XL is recommended for public, institutional and commercial buildings where long life under heavy traffic is required e.g. hospitals, schools, laboratories, offices etc.



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 Standard XL, 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 tech@polyflor.com.  
Regular cleaning is more beneficial to the floorcovering and more cost-effective than occasional heavy cleaning

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 FLOORING



2011



# POLYFLOR STANDARD XL

## HOMOGENEOUS

### PRODUCT SPECIFICATION



In collaboration with the European Resilient Flooring Manufacturers' Institute (ERFMI), Polyflor Ltd supports sustainable construction via Environmental Product Declarations (EPDs).

