

Polyflex Plus

Polyflex Plus PU is a durable, general purpose vinyl tile suitable for most contract situations. The excellent performance makes Polyflex Plus PU a good choice in schools, supermarkets and offices. The excellent performance of Polyflex Plus makes it a particularly suitable and economical solution for social housing refurbishment projects. With excellent durability, ease of maintenance and endless design possibilities, Polyflex Plus provides the ideal flooring solution to complement any interior design scheme.



PRODUCT SPECIFICATION



- The flooring shall be Polyflex Plus PU, as manufactured by Polyflor Ltd. of Manchester, England.
- The flooring shall be flexible PVC tile flooring in a 1.5mm, 2.0mm and 2.5mm thickness in 300mm x 300mm tiles.
- It shall be homogeneous and monolayer in construction, to ensure that its hard-wearing properties and decoration last throughout the whole product thickness.



- The flooring material shall conform fully with the requirements of EN 649/EN ISO 10581.
- In respect of flamespread, the flooring shall have been fully tested to EN 13501-1 and certified as having Class Bfl-S1. The flooring shall have been fully tested to ASTM E648 and certified as having passed with a Class 1 rating, making it suitable for use 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 F, as defined in EN 649.
- For the 1.5mm gauge, the flooring must have a Use Area Classification of 23/31 as defined in EN 685; for the 2.0mm the Classification is 23/33/42 and for 2.5mm it is 23/34/43 as defined in EN 685.
- In respect of light fastness, the flooring shall have been fully tested to ISO 105-B02 Method 3 and obtain ≥ 6 .



- The flooring will achieve a BRE Global Environmental Generic A+ rating in major commercial use areas.
- 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 a key independent, international standard 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 Polyflex Plus PU vinyl tiles. The test should be carried out using a hygrometer, in accordance with the instructions in BS 8203. If the result exceeds 75%RH, once equilibrium has been achieved, the advice of the manufacturer must be sought. The flooring must not be laid if there is excessive rising damp or hydrostatic pressure.
- 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.
- Suitable for use with underfloor heating up to 27°C. See Polyflor Technical Information Manual for details.



- Polyflex Plus PU is a durable, general-purpose vinyl tile suitable for most contract situations. The excellent performance makes Polyflex Plus PU a good choice in schools, supermarkets, offices, etc. The 1.5mm gauge tile is a particularly suitable and economical solution for housing applications.



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

