Polysafe Mosaic PUR is a heavy-duty sustainable safety flooring featuring a carborundum-free and high density flake decoration. Featuring a Polysafe PUR maintenance enhancement for improved cleanability, the range can be used in front of house areas with risk of spillage such as corridors, circulation areas, receptions, hospital wards, classrooms, shops, bars and cafés as well as social housing applications and normal back of house safety areas. This includes washrooms, bar serveries and changing rooms. For continually wet areas such as showers please refer to our Polysafe Hydro, Hydro Evolve or Ultima ranges.

**PRODUCT SPECIFICATION**

- The flooring shall be Polysafe Mosaic PUR, as manufactured by Polyflor Ltd. of Manchester, England.
- The floor shall be flexible PVC sheet flooring in 2.0mm thickness, incorporating a 0.7mm clear PVC wear layer. Throughout the full thickness of the wear layer, the floor shall be impregnated with oxides, and colourants, to impart enhanced slip resistance.
- The floor shall feature a high quality, cross-linked polyurethane reinforcement to provide superior cleaning benefits, life cycle maintenance savings and optimum appearance retention.
- The floor shall be manufactured by spreading liquid PVC onto a random glass fibre carrier sheet in one operation. The glass fibre carrier sheet shall be fully encapsulated in PVC.

- The flooring material shall fully conform with the European Norm for safety flooring - EN 13845.
- In respect of flamespread, the flooring shall be certified as Class BF-S1 according to EN 13501-1. The flooring shall have been fully tested to ASTM E648 by an independent test house and have a Class 1 rating, making it suitable for use in institutional, commercial and public buildings.
- The flooring must have been fully tested by an independent test house to the RRL Pendulum Test (AS Rubber/Slider 96) and have typical results of Rz ≥ 6.00µm, making it suitable for areas where enhanced slip resistance is required.
- The product must have been fully tested for abrasion resistance to EN 13845, passing the 50,000 cycles test and also meeting EN 660-2 Abrasion Group T.
- The flooring shall possess a valid Agrandement 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.
- The flooring must be suitable for Use Area Classification 23/34/43, as defined in EN ISO 10874 (EN 685).
- In respect of light fastness, the flooring shall have been fully tested to ISO 105-B02 Method 3 and obtain an A6.

- 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. Refer to BRE Global Ratings on www.greenbooklive.com
- 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 international standards for low VOC emissions.
- The product will achieve BES 6001 certification for responsible sourcing, obtaining a Very Good rating.
- The flooring must be suitable for Use Area Classification 23/34/43, as defined in EN ISO 10874 (EN 685).
- In respect of light fastness, the flooring shall have been fully tested to ISO 105-B02 Method 3 and obtain a6.

- The manufacturer of the floorcovering must be in possession of a valid environmental certificate, showing compliance with EN 14001.
- 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 in accordance with the instructions in BS 8203 in the UK and other relevant national standards. The result should not exceed 75%RH, if using a hygrometer, 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 safety flooring ranges have good resistance to dilute acids and alkalis, are compatible for use with the most commonly used acid-based hand gels and are suitable for steam cleaning on a periodic basis. Chemical resistance charts available on request. For information regarding handling and installation, as well as other information such as chemical resistance and product warranty, consult Polyflor Customer Technical Services on +44 (0)161 767 1912, or email tech@polyflor.com. The slip resistance across all Polysafe products is ensured throughout the guaranteed life of the product, with strict adherence to HSE Guidelines.

As with all Polysafe products, Polysafe Mosaic PUR should not have a polish applied. The data presented is correct at the time of printing. For latest information, please visit our website polyflor.com.