

Polysafe™ Wood fx Acoustix

Polysafe Wood fx Acoustix PUR is suitable for use in residential and commercial buildings where sound insulation and slip resistance are important requirements. Used in areas which are normally dry but where there are risks of water spillage, Wood fx Acoustix PUR features carborundum-free safety particles to ensure full HSE Compliance and sustainable wet slip resistance. Typical use areas include schools, universities, student accommodation, hospitals, aged care, social housing as well as public buildings where there is general heavy footfall. 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 Wood FX Acoustix PUR, as manufactured by Polyflor Ltd. of Manchester, England.
- The flooring shall be flexible PVC sheet flooring in 3.7mm thickness, with the following construction: circa 0.65mm clear PVC wear layer with aluminium oxide granules incorporated throughout the full thickness - to impart enhanced slip resistance, a fibreglass reinforced integral print layer and an acoustic foam backing.
- The flooring shall feature a high quality, cross-linked polyurethane reinforcement to provide superior cleaning benefits, life cycle maintenance savings and optimum appearance retention.



- In accordance with EN 651, the in-use classification must be at least 23/34/42 as described in EN ISO 10874 (EN 685): ie. domestic areas with intense use; commercial areas with very heavy traffic; and general light industrial areas.
- When tested to EN ISO 10140-3 (EN ISO 140-8), the product should achieve an impact sound reduction of ≥ 19 dB.
- The flooring must have been fully tested for indentation under static loading in accordance with EN 433 and achieve a result of ≥ 0.40 mm. This ensures the flooring is suited to areas where underfoot comfort and anti-fatigue benefits are required.
- In respect of flamespread, the flooring shall be certified as Class Bfl-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 (4S Rubber/Slider 96) and have results of ≥ 36 in the wet, with a surface roughness of $Rz \geq 20\mu\text{m}$, making it suitable for use in areas where enhanced slip resistance is required.
- The flooring shall possess a valid Agrément certificate, when laid in accordance with the instructions of Polyflor, with coved skirtings and welded joints.
- 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.
- 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 2.01 metre width, including a 0.01 metre selvage for on-site trimming, 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 flooring will achieve a BRE Global Generic Environmental A+ rating 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 product will achieve BES 6001 certification for responsible sourcing, obtaining a Very Good rating.



- 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.



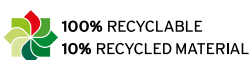
- A moisture test must be carried out, to ensure that the subfloor has dried out to a level consistent with the application of vinyl flooring. The test should be carried out using a hygrometer, in accordance with the instructions in BS 8203. The result should not exceed 75%RH, once equilibrium has been 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.



- Polysafe Wood FX Acoustix PUR is suitable for use in residential and commercial buildings whether single or multi-storey, where sound insulation and slip resistance are important requirements. Typical use areas are those which are normally dry but have risks of water spillage. Example areas are found within schools, universities, student accommodation, hospitals, aged and specialist care, social housing as well as public buildings where there is general heavy footfall. This may include classrooms, corridors, circulation areas, general living quarters and washrooms. For continually wet areas please refer to our Polysafe Hydro, Hydro Evolve or Ultima ranges.
- The slip resistance across all Polysafe products is assured throughout the guaranteed life of the product, with strict adherence to HSE Guidelines. As with all Polysafe products, Polysafe Wood FX Acoustix PUR should not have a polish applied.



- Polysafe safety flooring ranges are compatible for use with the most commonly used alco-based hand gels and are suitable for steam cleaning on a periodic basis. For clarification and 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.
- 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.



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