



- The flooring shall be Polysafe Wood FX Acoustic, 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 0.7mm clear PVC wear layer with aluminium oxide granules incorporated throughout the full thickness - to impart enhanced slip resistance, a fibreglass reinforcement, integral print layer and an acoustic foam backing.
- The flooring shall be reinforced with polyurethane for improved cleaning and maintenance.



- In accordance with EN 651, the in-use classification must be at least 23/34/42 as described in EN 685: ie. domestic areas with intense use; commercial areas with very heavy traffic; and general light industrial areas.
- When tested to EN ISO 140-8, the product should achieve an impact sound reduction of  $\geq 19$ dB.
- The flooring must have been fully tested for indentation under static loading in accordance with EN 433 and achieve a result of  $\geq 0.40$ 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 have been fully tested to EN 13501-1 and certified as having Class Cf1-S1, achieving the criteria EN ISO 9239-1  $\geq 4.5$ kw/m<sup>2</sup> and the mandatory requirement of EN ISO 11925-2 Pass.
- 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  $\geq 36$  in the wet, with a surface roughness of  $R_z \geq 20\mu\text{m}$ , making it suitable for use in areas where enhanced slip resistance is required.
- The product must have been fully tested for abrasion resistance to the Frick Taber test EN 660: part 2 and be in abrasion group T, as defined in EN 649 and EN 13845 50,000 cycles.
- 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 2.02 metre width, including a 0.02 metre selvage for on-site trimming, to minimise the number of joints.
- The flooring will achieve a generic BRE Global Environmental A+/A Rating in the Green Guide to Specification for contract applications.
- The manufacturer should provide a facility to take back and recycle waste vinyl flooring material through the Recofloor scheme.
- In respect of light fastness, the flooring shall have been fully tested to ISO 105-B02 Method 3 and obtain  $\geq 6$ .



- 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.



- Polysafe Wood FX Acoustic is suitable for use in residential and commercial buildings 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 care, social housing as well as public buildings where there is general heavy footfall. This may include classrooms, corridors, circulation areas, general living quarters, washrooms and WCs. For continually wet areas please refer to our Polysafe Hydro range.
- 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 Acoustic should not have a polish applied.



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

POLYFLOR  
**POLYSAFE™**  
**WOOD FX ACOUSTIC**

**SAFETY FLOORING**

**PRODUCT  
SPECIFICATION**

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COVERING THE WORLD