



- The flooring shall be Polyflor Expona Design PUR, as supplied by Polyflor Ltd. of Manchester, England.
- The flooring shall be flexible PVC tile and plank flooring in 3.0mm thickness.
- It shall have the following laminated construction: circa 0.70mm clear PVC wear layer, circa 0.07mm print film layer, and circa 2.23mm backing ply.
- 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 ISO 10582, the in-use classification must be at least 23/34/43, as defined in EN ISO 10874: i.e. domestic areas with heavy use; commercial areas with intensive use; light industrial areas.
- In respect of flamespread, the flooring shall have been fully tested to EN 13501-1 and certified as having Class Bfl-S1, achieving the criteria EN ISO 9239-1 $\geq 8\text{kw/m}^2$ and the mandatory requirement of EN ISO 11925-2 pass. The flooring shall have been fully tested to ASTM E648 by an independent test house and classified as 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.
- When tested to DIN 51130, the flooring achieves an R10 slip rating, for flooring with sustainable wet slip resistance, refer to Expona Control PUR or the Polysafe ranges.
- The product's weight should not be more than 5,100g/m².
- In respect of light fastness, the flooring shall have been fully tested to ISO 105-B02 Method 3 as having a pass to ≥ 6 .



- The flooring will achieve a BRE Global Environmental A+ rating ENP 429 in the Green Guide to Specification.
- Specific 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.
- Polyflor Expona Design PUR achieves a very low VOC emissions result when tested to AgBB standards, is certified by Eurofins as achieving Indoor Air Comfort Gold and is also a FloorScore certified product.
- Polyflor Expona Design PUR is certified to BES 6001 for responsible sourcing as very good, and is manufactured at an approved SA 8000 factory.



- 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. See Polyflor installation instructions for details.
 - 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 installation instructions for details
- NOTE:** The subtle blending of shades and graining variation can best be obtained by the random shuffling of 3-4 packs of tiles.



- Polyflor Expona Design PUR is suitable for heavy commercial use in corridors, shops, department stores, classrooms, lecture theatres, multi-purpose halls, open-plan offices and other areas with heavy traffic. Polyflor Expona Design PUR may also be used in heavy light industrial applications, where work is sedentary with occasional use of light vehicles. Polyflor Expona Design PUR is also ideal for use in the home in living rooms, kitchens, bathrooms, entrance halls and conservatories. On-floor temperatures in conservatories can become quite high. It is strongly advised that, in such situations, a Polyflor recommended high temperature adhesive is used. For further information and advice on specific applications, 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. reserve the right to make changes which do not adversely affect performance or quality.

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FLOORING



EXPONA[®] DESIGN



PRODUCT SPECIFICATION



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

