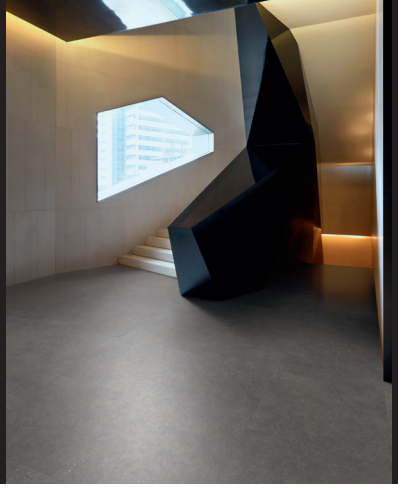
EXPONA® DESIGN

Expona Design is a collection of Luxury Vinyl Tiles, replicating the beauty of natural timber, slate and marble, with additional creative and innovative effects for use in heavy commercial areas.



PRODUCT SPECIFICATION

- 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 0.7mm 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 ≥8kw/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.
- 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 product's weight should not be more than 5,100g/m^2.
- 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.
- The manufacturer should provide a facility to take back and recycle waste vinyl flooring material through the Recofloor scheme.
- Generic EN 15804 Environmental Product Declaration (EPD) available on request.
- 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.

- We recommend that adequate UV protection be taken against products being installed in direct sunlight as fading may occur.
- 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.

100% RECYCLABLE
40% RECYCLED MATERIAL

A+ BRE ENP 429 ENVIRONMENTAL RATING

EPD

Recofloor™ Vinyl Take-Back Scheme

POLYFLOR PUR POLISH FREE

BES 6001 Responsible Sourcing

EN 14041

POLYFLOR™ COVERING THE WORLD

UK Sales Direct: +44 (0)161 767 1122 | Export Sales Direct: +44 (0)161 767 1913
Sample Requests: +44 (0)161 767 2551 | email: info@polyflor.com | **www.polyflor.com**

James Halstead™ FLOORING

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