

# EXPONA<sup>®</sup> COMMERCIAL

Expona Commercial 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 Commercial PUR, as supplied by Polyflor Ltd. of Manchester, England.
- The flooring shall be flexible PVC tile and plank flooring in 2.5mm thickness.
- It shall have the following laminated construction: circa 0.55mm clear PVC wear layer, circa 0.07mm print film layer and circa 1.88mm 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 23/33/42, as defined in EN ISO 10874: i.e. domestic areas with heavy use; commercial areas with heavy use.
- In respect of flamespread, the flooring shall have been fully tested to EN 13501-1 and certified as having Class B -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  $4,290\text{g/m}^2$ .
- In respect of light fastness, the flooring shall have been fully tested to ISO 105-B02 Method 3 as having a pass to  $\geq 6$



- 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.
- Specific EN 15804 Environmental Product Declaration (EPD) available on request.
- Polyflor Expona Commercial 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 Commercial 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, BS 8204 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.
- Polyflor Expona Commercial PUR is suitable for heavy commercial use, and also for use in the home. On-floor temperatures in conservatories can become quite high, so 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](mailto: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.

