

# EXPONA® FLOW

The Expona Flow collection presents beautifully replicated wood planks and vivid abstract effects in a practical and durable vinyl sheet format. Available in 50 shades, the collection has been specifically developed for heavy commercial installations including education, healthcare, office, leisure and retail sectors.



## PRODUCT SPECIFICATION



- The flooring shall be Polyflor Expona Flow PUR, as supplied by Polyflor Ltd. of Manchester, England.
- The flooring shall be flexible PVC tile and plank flooring in 2.0mm thickness.
- It shall have the following laminated construction: circa 0.70mm clear PVC wear layer, a fibreglass reinforced integral print layer and circa 1.30mm of PVC backing.
- The flooring shall incorporate a specially formulated polyurethane reinforcement, to significantly reduce maintenance costs.



- In accordance with EN ISO 10582/EN 649, the in-use classification must be at least 23/34/43 as described in EN ISO 10874: ie domestic areas with intense use; commercial areas with very heavy traffic; and heavy light industrial areas.
- In respect of flame spread, the flooring shall have been fully tested to EN13501-1 and certified as having Class Bfl-S1.
- The product must have been fully tested for abrasion resistance and meet the requirements of abrasion Group T, as defined in EN 649 and Binder Content Type 1 as defined in EN ISO 10582.
- This product does not accumulate static charges above 2kV and is classified as 'antistatic' when tested to EN1815. For specialist applications where there is a requirement to dissipate the electrostatic charge see the Polyflor ESD product ranges.
- With regards the European requirements 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 product shall be classified as R10. For safety flooring with sustainable wet slip resistance, refer to the Polysafe ranges.
- 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 must be available in 2.01 metre width, including a 0.01 metre selvage for on site trimming, to minimise the number of joints.



- The flooring will achieve a BRE Global Environmental A+ rating ENP 415 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.
- The flooring shall be tested to and pass key independent, international standards for low VOC emissions.



- 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:** All joints must be welded



- 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](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.

