



- The flooring shall be Polyflor Expona Control 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 0.7mm clear PVC wear layer, circa 0.07mm print film layer, and circa 1.73mm 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.



- The flooring material shall fully conform with the European Norm for safety flooring - EN 13845.
- In respect of flamespread, the flooring shall be certified as Class Bfl-S1 according to EN 13501-1. The flooring shall have been fully tested to ASTM E648 by an independent test house and have a Class 1 rating, making it suitable for use in institutional, commercial and public buildings.
- 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  $Rz \geq 20\mu m$ , 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 product's weight should not be more than 4390g/m<sup>2</sup>.
- The manufacturer should provide a facility to take back and recycle waste vinyl flooring material through the Recofloor scheme.
- The flooring is suitable for Use Area Classification 23/34/43, as defined in EN ISO 10874 (EN 685).
- In respect of light fastness, the flooring shall have been fully tested to ISO 105-B02 Method 3 and obtain  $\geq 6$ .



- Expona Control PUR achieves BRE Global Environmental Generic A+ rating 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.
- 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: The subtle blending of shades and graining variation can best be obtained by the random shuffling of 3-4 packs of tiles.



- Expona Control PUR is ideal for heavy commercial areas within the retail, office, leisure, healthcare, education & housing sectors, where there is a risk of water spillage, making slip resistance an important consideration.
  - The slip resistance is assured throughout the guaranteed life of the product, with strict adherence to HSE Guidelines. Expona Control PUR should not have a polish applied.
  - 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.
- 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. For best results, flooring must be reverse laid.

expona<sup>®</sup> CONTROL

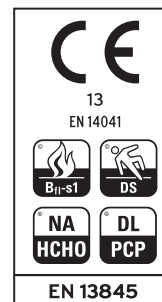
WOOD & STONE



PRODUCT  
SPECIFICATION

A<sup>+</sup>BRE  
GENERIC  
ENVIRONMENTAL  
RATING

Refer to the BRE Green Guide  
for more details  
(www.thegreenguide.org.uk)



EN 13845

POLYFLOR LTD. PO BOX 3 RADCLIFFE NEW ROAD WHITEFIELD MANCHESTER M45 7NR UK  
UK SALES DIRECT: +44 (0)161 767 1122 UK SAMPLE REQUESTS: +44 (0)161 767 2551  
EXPORT SALES DIRECT: +44 (0)161 767 1913 TECHNICAL SUPPORT: +44 (0)161 767 1912  
RECEPTION: +44 (0)161 767 1111 UK FAX: +44 (0)161 767 1128  
EXPORT FAX: +44 (0)161 767 1166 E-MAIL: INFO@POLYFLOR.COM  
WEBSITE: WWW.POLYFLOR.COM

James Halcroft  
FLOORING



2011

POLYFLOR<sup>™</sup>  
COVERING THE WORLD