



- The flooring shall be Polyflor Affinity 2⁵⁵ 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 0.55mm clear PVC wear layer, circa 0.07mm print film layer and circa 1.63mm 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. heavy commercial areas.
- In respect of flame spread, the flooring shall have been fully tested to EN 13501-1 and certified as having Class Bfl-S1, achieving the criteria EN AS 9239-1 ≥8kw/m² and the mandatory requirement of EN ISO 11925-2 pass.
- The product is classed DS (dry slip) when tested to EN 13893. It also achieves an R10 rating when tested to DIN 51130, For safety flooring with sustainable wet slip resistance, refer to Expona Control PUR or the Polysafe ranges.
- The product's weight should not be more than 3,500g/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.
- Generic 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 Affinity 2⁵⁵ 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 Affinity 2⁵⁵ 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 Affinity 2⁵⁵ PUR is suitable for use in heavy commercial areas. 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.



RecofloorTM
Vinyl Take-Back Scheme



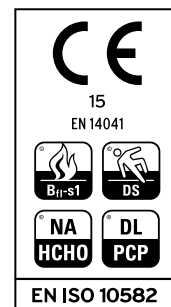
Affinity2⁵⁵



PRODUCT SPECIFICATION



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



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 Halstead*TM
FLOORING



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