

POLYFLOR EC

- Hardwearing homogeneous contract sheet and tile floorcovering
- Electrostatic conductive properties
- Engineered for ESD protection

SPECIFICATION



2.0mm
0.080in



2m x 20m = 40m²
6ft 6in x 65ft = 47sq yds



608 x 608mm = 5.17m²
23.9in x 23.9in = 6.2sq yds



3500g/m²
6.45lbs/sq yd



GENERAL PERFORMANCE

EN 649 / EN ISO 10581
ASTM F1913
ASTM F1700



REACTION TO FIRE
EN 13501-1 Class Bfl-s1
ASTM E648 Class 1



ELECTRICAL BEHAVIOUR
(body voltage)
EN 1815 ≤2kV



ELECTRICAL BEHAVIOUR

EN 1081 R₁/R₂ 5 x 10⁴ - 1 x 10⁶ ohms
ESD S 7.15 x 10⁴ - 1 x 10⁶ ohms
BS EN/IEC 61340-4-1:2003 RG 5 x 10⁴ - 1 x 10⁶ ohms
BS EN/IEC 61340-5-1 conforms to foot/floor combination between 7.5 x 10⁵ and 3.5 x 10⁷ tested to BS IEC 61340-4-5
HTM2 Conforms
BS 2050 5 x 10⁴ to 2 x 10⁶ ohms
ASTM F150 2.5 x 10⁴ to 1 x 10⁶



SLIP RESISTANCE
EN 13893 Class DS
AZ/NZS 4586 R9



ABRASION RESISTANCE
EN 660-2 Group M
EN ISO 10581 Type II



VOC EMISSIONS
AgBB VOC test: Pass
Swedish B.P.D (FLEC test): Pass
GBCA: Compliant (Green Tag Approval)



HYGIENE

All Polyflor commercial sheet vinyl ranges provide a continuous, impervious and hygienic flooring solution which can be confidently cleaned in accordance with recommended maintenance procedures and approved maintenance products. The implementation of an effective cleaning regime is the most important defence against infection.



ENVIRONMENTALLY PREFERABLE FLOORING

Homogeneous vinyl flooring has generic BRE Global A+/A ratings in the green guide to specification. Polyflor ESD flooring is certified GreenTag Gold. It is 100% recyclable and contains 25% recycled material, including reclaimed material from the Recofloor vinyl flooring take-back scheme. Visit www.polyflor.com/environment.



APPLICATIONS

Polyflor Electrostatic Conductive products are recommended for use in electronics manufacturing - wafer fabrication, product assembly, inspection and storage; laboratories; clean rooms and defence establishments.

Polyflor EC is also recommended for healthcare facilities where gases and/or electronic equipment are used during medical procedures - operating theatres, anaesthetising areas, intensive-care units and radiology departments.



Polyflor homogeneous PUR and Polysafe flooring ranges are compatible with the most commonly used alco-based hand gels. Some alco-based hand gels contain a high concentration of ethanol and to discuss their compatibility with Polyflor ESD ranges, contact Customer Technical Services.

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.

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
FLOORING



POLYFLOR
ESD

POLYFLOR EC

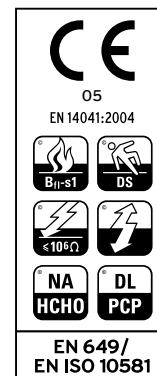
PERFORMANCE AND
PROPERTIES



Refer to BRE Global ratings on www.thegreenguide.org.uk



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



EN 649/
EN ISO 10581

POLYFLOR
COVERING THE WORLD