

POLYFLOR SD

- Hardwearing homogeneous contract sheet and tile floorcovering
- Static dissipative 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



3400g/m²
6.27lbs/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 <10⁹ ohms
ESD S 7.1 1 x 10⁶ - 1 x 10⁹ ohms
BS IEC 61340-4-1 2003 R_G 1 x 10⁶ - 1 x 10⁹ ohms
Conforms to maximum voltage generation of <100Volts and resistance to earth of < 1 x 10⁹ ohms when tested to BS IEC 61340-4-5
IBM Conforms
All SD products require minimum 40% RH



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)



AGRÉMENT ASSURANCE
Polyflor SD has been independently assessed by the British Board of Agrément and product performance is assured for at least 10 years in recommended use areas. With proper maintenance, the appearance and colour will be retained during this period.



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 Static Dissipative products are engineered for use where static control is required. These floorcoverings are ideal for use in telecommunications installations, computer rooms and healthcare facilities such as scanner rooms, X-ray suites and operating theatres, also suitable for use in electronics manufacturing.



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.
Access Panel applications require specific fitting instructions, to ensure product performance and achievement of electrical results outlined.
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.

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James Halstead
FLOORING



POLYFLOR
ESD

POLYFLOR SD

PERFORMANCE AND
PROPERTIES



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



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



POLYFLOR
COVERING THE WORLD