

## POLYFLOR EC

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

### SPECIFICATION



2.0mm  
0.080in



2m x 20m = 40m<sup>2</sup>  
6ft 6in x 65ft = 47sq yds



608 x 608mm = 5.17m<sup>2</sup>  
23.9in x 23.9in = 6.2sq yds



3500g/m<sup>2</sup>  
6.45 lbs/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**  
EN 1081 R<sub>1</sub>/R<sub>2</sub> 5 x 10<sup>4</sup> - 1 x 10<sup>6</sup> ohms  
ESD S 7.1 5 x 10<sup>4</sup> - 1 x 10<sup>6</sup> ohms  
BS EN/IEC 61340-4-1:2003 R<sub>G</sub> 5 x 10<sup>4</sup> - 1 x 10<sup>6</sup> ohms  
BS EN/IEC 61340-5-1 conforms to foot/floor combination between 7.5 x 10<sup>5</sup> and 3.5 x 10<sup>7</sup> tested to BS IEC 61340-4-5  
HTM2 Conforms  
BS 2050 5 x 10<sup>4</sup> to 2 x 10<sup>6</sup> ohms  
ASTM F150 2.5 x 10<sup>4</sup> to 1 x 10<sup>6</sup>



**ELECTRICAL BEHAVIOUR**  
(body voltage)  
EN 1815 <2kv



**SLIP RESISTANCE**  
EN 13893 Class DS  
AS/NZS 4586 R9



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



**HYGIENE**  
This product has been independently tested and results demonstrate that it inhibits the growth of MRSA on the flooring. An effective cleaning regime is however, the most important defence against infection.



**ENVIRONMENTALLY PREFERABLE FLOORING**  
Vinyl flooring has a generic BRE A+/A rating in the Green Guide to specification, for contract applications. Polyflor EC is 100% recyclable and contains an average 25% recycled material.  
Recyclable via the Recofloor scheme. Visit [www.polyflor.com/environment](http://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.



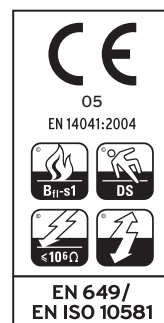
At the date of issue the data presented is correct. However, Polyflor Ltd. reserve the right to make changes which do not adversely affect performance or quality. Access Panel applications require specific fitting instructions, to ensure product performance and achievement of electrical results outlined. 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](mailto:tech@polyflor.com).



POLYFLOR  
**ESD**

POLYFLOR EC

PERFORMANCE AND  
PROPERTIES



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*James Hulstead*  
FLOORING



2011

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

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