

POLYSAFE ASTRAL PUR



2.0mm



2m x 20m = 40m<sup>2</sup>



2450g/m<sup>2</sup>



**GENERAL PERFORMANCE**

EN 13845  
ASTM F1303



**REACTION TO FIRE**  
EN 13501-1 Class Bfl-S1  
ASTM E648 Class 1



**ABRASION RESISTANCE**  
EN 13845 50,000 cycles  
EN 649 Group T



**ENHANCED SLIP**  
Sustainable wet slip resistance\* AS/NZS 4586 R10  
EN 13845 ESf  
RRL Pendulum Test ≥36 (wet test - 4S Rubber/Slider 96)  
Surface roughness Rz ≥20µm  
The slip resistance across all Polysafe products is assured throughout the guaranteed life of the product, with strict adherence to HSE Guidelines.



**ENVIRONMENTALLY PREFERABLE FLOORING**  
Polysafe Astral PUR achieves BRE Global A+ rating (ENP 472) in the Green Guide to Specification in use areas such as education and healthcare and is GreenTag LCARate certified with GreenRate level A. Environmental Product Declaration EN 15804 EPD is available on request. It is 100% recyclable and contains recycled material. Recyclable via the Recofloor scheme. Visit [www.polyflor.com/environment](http://www.polyflor.com/environment)



**VOC EMISSIONS**  
AgBB/DIBT: Pass  
FloorScore certified  
GBCA/NZGBC Green Star EQ-VOC: Compliant



**ELECTRICAL BEHAVIOUR (body voltage)**  
EN 1815 ≤2kV  
Classified as 'antistatic'



**RESISTANCE TO CHEMICALS**  
Good resistance to dilute acids and alkalis. Chemical resistance charts available on request.



**AGRÉMENT ASSURANCE**  
Polysafe Astral PUR 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, colour and slip resistance 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.



Polysafe Astral incorporates Supratrac PUR, engineered to provide the best in colour, aesthetics and flexibility. This high quality, cross-linked polyurethane reinforcement is UV cured to provide superior cleaning benefits, life cycle maintenance savings and optimum appearance retention. As with all Polysafe products, Astral PUR should not have a polish applied.



**APPLICATIONS**  
Polysafe Astral PUR is ideal for where enhanced slip resistance is required in areas that are subject to contaminant spillages and are hygiene critical locations e.g. food preparation areas, kitchens and bar servery. The advantages in cleanability make Polysafe Astral PUR suitable for general areas e.g. supermarkets, clinics, laundry and sluice rooms, washrooms, WCs, laboratories, classrooms and many institutional applications. For continually wet areas please refer to our Polysafe Hydro or Hydro Evolve ranges.



Polysafe safety flooring ranges are compatible for use with the most commonly used alco-based hand gels and are suitable for steam cleaning on a periodic basis. 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](mailto:tech@polyflor.com). At the date of issue the data presented is correct. However, Polyflor Ltd. reserves the right to make changes which do not adversely affect performance or quality.  
\* For clarification regarding slip resistance, consult Polyflor.

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](mailto:INFO@POLYFLOR.COM) [WWW.POLYFLOR.COM](http://WWW.POLYFLOR.COM)

*James Halden*  
FLOORING



2011



POLYFLOR  
**POLYSAFE™  
ASTRAL PUR**



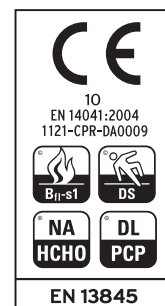
PERFORMANCE AND  
PROPERTIES



Refer to BRE Global ratings on [www.greenbooklive.com](http://www.greenbooklive.com)



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



SAFETY  
FLOORING