

- A range of 14 colours with a multi-chip decoration.
- Quartz crystals, aluminium oxide and silicon carbide particles incorporated throughout the full thickness of the vinyl to improve traction and safety underfoot.

SPECIFICATION



2.0mm  
2.5mm



2.0mm: 2m x 20m = 40m<sup>2</sup>  
2.5mm: 2m x 20m = 40m<sup>2</sup>



2.0mm: 2450g/m<sup>2</sup>  
2.5mm: 3120g/m<sup>2</sup>



GENERAL PERFORMANCE

EN 13845  
EN 649  
ASTM F1303  
AS2055.1



Agrément – G5ws



REACTION TO FIRE

EN 13501-1 Class Bfl-S1 { EN ISO 9239-1 ≥8kw/m<sup>2</sup>  
EN ISO 11925-2 Pass

ASTM E648 Class 1



ENHANCED SLIP

Sustainable wet slip resistance\*

EN 13845 ESf

AS/NZS 4586 R10

AS/NZS 3661.1 ≥0.4

RRL Pendulum Test ≥36 (wet test - 4S Rubber)

Surface roughness R<sub>tm</sub> ≥20µm

The slip resistance across all Polysafe products is assured throughout the guaranteed life of the product.



ABRASION RESISTANCE

EN 13845 50,000 cycles

EN 649 Group T



VOC EMISSIONS

AgBB VOC test : Pass

(Low Result)



RESISTANCE TO CHEMICALS

Polysafe Astral has good resistance to dilute acids and alkalis. The Polyflor Technical Information Manual provides a general guide. Chemical resistance charts by shade are available on request.



HYGIENE

Contains antimicrobial agents for improved hygiene protection.

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



Polysafe Astral with Supratec<sup>+</sup>, enhanced with Polyurethane for even greater maintenance benefits. As with all Polysafe products, Polysafe Astral should not have a polish applied.



ELECTRICAL BEHAVIOUR (body voltage)

EN 1815 This product does not accumulate static charges above 2kV and is classified as 'antistatic'. For specialist applications where there is a requirement to dissipate the electrostatic charge, see the Polyflor ESD product ranges.



APPLICATIONS

Polysafe Astral is designed for use in areas where enhanced slip resistance is required. The Supratec<sup>+</sup> system provides greater confidence in specifying for areas which are subject to oil and grease contamination and are hygiene critical locations e.g. food preparation areas, kitchens and bars.

The advantages in cleanability make Polysafe Astral suitable for general areas e.g. supermarkets, hospital wards, clinics, laundry and sluice rooms, nursing homes, washrooms, schools and universities, laboratories and many institutional applications. For continually wet areas please refer to our Polysafe Hydro range.



For information regarding handling and installation, adhesives, maintenance, applications and chemical resistance, consult Polyflor.

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  
**POLYSAFE  
ASTRAL**

WITH NEW



SAFETY FLOORING

PERFORMANCE AND  
PROPERTIES

POLYFLOR LTD. PO BOX 3 RADCLIFFE NEW ROAD WHITEFIELD MANCHESTER M45 7NR UK  
TEL: +44 (0)161 767 1111 UK SALES DIRECT: +44 (0)161 767 1122 UK FAX: +44 (0)161 767 1128  
EXPORT FAX: +44 (0)161 767 1166 E-MAIL: INFO@POLYFLOR.COM WWW.POLYFLOR.COM  
UK SAMPLE REQUESTS: +44 (0)161 767 2551

*James Halstead*  
FLOORING

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