

POLYSAFE HYDRO EVOLVE



2.0mm



2m x 20m = 40m²



2650g/m²



GENERAL PERFORMANCE
EN 13845
ASTM F1303



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



ENHANCED SLIP
Sustainable wet slip resistance*
EN 13845 ESb & ESf
AS/NZS 4586 Part C Class B
RRL Pendulum Test ≥36 (wet test - TRL/4S Rubber)
Surface roughness Rz ≥20µm
DIN 51097 Class B
DIN 51130 R10
The slip resistance across all Polysafe products is assured throughout the guaranteed life of the product, with strict adherence to HSE Guidelines.



ABRASION RESISTANCE
EN 13845 50,000 cycles
EN 649 Group P



WATER TIGHTNESS
EN 13553 Annex A



VOC EMISSIONS
AgBB/DIBT : Pass
FloorScore certified



ENVIRONMENTALLY PREFERABLE FLOORING
Polysafe Hydro Evolve achieves BRE Global Environmental Generic A+ rating in major use areas such as education and healthcare. Generic 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



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.



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 Hydro Evolve 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.



APPLICATIONS
Polysafe Hydro Evolve is specially designed with a raised profile emboss, giving greater confidence in specifying for areas that are subjected to constant running water and where enhanced slip resistance is a prime consideration. Suitable for areas where barefoot or soft soled footwear is worn - examples include walk-in showers, hydrotherapy areas and barefoot recreational areas such as changing room facilities and indoor swimming pool surrounds. Hydro Evolve is also suitable for shod areas based on an end user's risk assessment. Alternatively, please refer to other Polysafe ranges. As with all Polysafe products, Polysafe Hydro Evolve should not have a polish applied.



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. 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.

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FLOORING



2011



Polysafe™
hydro | evolve
a clear step forward

SAFETY FLOORING

PERFORMANCE AND PROPERTIES



Refer to the BRE Green Guide for more details (www.thegreenguide.org.uk)



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

