
























# Polysafe™ Hydro Evolve

Polysafe Hydro Evolve, a heavy-duty, decorative safety flooring specially designed with a pimple emboss, giving greater confidence in specifying for areas that are subjected to constant running water and where enhanced slip resistance is a prime

consideration. Featuring carborundum-free particles for added design clarity, Hydro Evolve is suitable for areas where barefoot or footwear is worn such as walk-in showers, wet rooms, Hydro Evolve therapy areas, changing rooms and indoor swimming pool surrounds.

	Gauge	ISO 24346 (EN 428)	2.0mm (0.08")
	Sheet Size	ISO 24341 (EN 426)	2m x 20m = 40m <sup>2</sup> (6'6" x 65'6" = 47.84 sq. yards)
	Total Weight	ISO 23997 (EN 430)	2960g/m <sup>2</sup> (5.46lbs/sq. yd.)
	General Performance	EN13845 ASTM F1303	Conforms Type 2, Grade 1, Class B Backing
	Use Area	ISO 10874 (EN 685)	  
	Enhanced Slip Resistance	EN 13845 DIN 51097 DIN 51130 RRL Pendulum Test Surface Roughness ASTM D2047	ESb & ESf R10 Class B ≥36 (wet test - 4S Rubber/Slider 96) Rz ≥20µm SCOF ≥0.8  <b>The wet slip resistance across all Polysafe products is sustainable throughout the guaranteed life of the product, with strict adherence to HSE Guidelines. For further clarification regarding slip resistance, consult Polyflor.</b>
	Abrasion Resistance	EN 13845 EN 649	50,000 cycles Group T
	Reaction to Fire	EN 13501-1 ASTM E648 CAN/ULC S102.2	Class Bfl-S1 Class 1 FSV < 300; SDV < 500
	Static Electrical Propensity	EN 1815	≤2kV Classified as 'antistatic'
	Water Tightness	EN 13553	Annex A
	Flexibility	ASTM F137	1.5" Pass
	Residual Indentation	ASTM F970	≤0.005" @ 750psi
	VOC Emissions	Indoor Air Comfort GOLD AgBB VOC test Floorscore Finnish M1 Classification	Eurofins certified product Pass Certified Certified
	Resistance to Chemicals	ISO 26987 (EN 423) ASTM F925	Good chemical resistance Excellent
	Resistance to Heat	ASTM F1514	ΔE ≤ 8.0 Meets
	Resistance to Light	ASTM F1515	ΔE ≤ 8.0 Meets
	Responsible Sourcing	BES 6001	Excellent
<b>Environmentally Preferable Flooring</b> - Polysafe Hydro Evolve achieves BRE Global A+ rating (ENP 472) in the Green Guide to Specification in use areas such as education and healthcare and is GreenTag LCA Rate certified with GreenRate level A - Gold Plus. Generic EN 15804 Environmental Product Declaration (EPD) available on request. It is 100% recyclable and contains recycled material. Recyclable via the Recofloor scheme. Visit <a href="http://www.polyflor.ca/sustainability">www.polyflor.ca/sustainability</a> .			
	<b>Hygiene</b> - 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.		
	<b>Agrément Assurance</b> - 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.		
	Polysafe safety flooring ranges have good resistance to dilute acids and alkalis, are compatible for use with the most commonly used alco-based hand gels and are suitable for steam cleaning on a periodic basis. Chemical resistance charts available on request. For information regarding handling and installation, adhesives, maintenance, applications, chemical resistance and product warranty, <a href="mailto:tech@polyflor.ca">email tech@polyflor.ca</a> . The data presented is correct at the time of printing. For latest information, please visit our website <a href="http://polyflor.ca">polyflor.ca</a> . <b>Decoration and shade may vary slightly from the samples shown.</b>		



Polyflor Inc. North American Headquarters, 3209 Orlando Drive, Mississauga, Ontario L4V 1C5 | Phone: 1 905 364 3000 | [www.polyflor.ca](http://www.polyflor.ca)  
For general enquiries contact [info@polyflor.ca](mailto:info@polyflor.ca); office hours Monday - Friday, 08:30 to 17:30 EST



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