

# Polysafe Hydro Evolve



## PRODUCT SPECIFICATION

### Key Features

- > Safety flooring designed to provide barefoot & shod slip resistance
- > Textured pimple emboss to improve traction & safety underfoot
- > Low slip potential, achieving 36+ on the Pendulum Wet Test
- > Flexible for easy fitting, welding & site-formed coving
- > Ideally suited for continually wet areas such as pools and wet rooms



Product Format	Standard	Result		
Gauge	ISO 24346 (EN 428)	2.0mm		
Total Weight	ISO 23997 (EN 430)	2960g/m <sup>2</sup>		
Sheet Size	Size	Shades	Quantity per Box	Coverage per Box/Roll
Sheet	2m x 20m	8	-	40m <sup>2</sup>
Performance Requirements	Standard	Result		
General Performance	EN 13845 ASTM F1303	Conforms Type II, Grade I, Class B Backing		
Use Area	ISO 10874 (EN 685)	23, 34, 43		
Enhanced Slip Resistance	EN 13845 RRL Pendulum Test DIN 51097 / DIN EN 16165 Ann. A DIN 51130 / DIN EN 16165 Ann. B Surface Roughness ASTM D2047 AS 4586 Appendix C	ESb & ESf ≥36 (wet test - Slider 55/96) Class B R10 Rz >20µm SCOF ≥0.8 Class B		
Abrasion Resistance	EN 13845	50,000 cycles		
Reaction to Fire	EN 13501-1 ASTM E648 CAN/ULC 102.2 AS ISO 9239-1	Class Bfl-S1 Class 1 FSR ≤ 300; SDC ≤ 500 >8.0kW/m <sup>2</sup>		
Static Electrical Propensity	EN 1815	≤2.0kV Classified as 'antistatic'		
Water Tightness	EN 13553	Annex A		
Residual Indentation	ASTM F970 (Modified)	≤0.005" (750psi)		
Flexibility	ASTM F137 ISO 24344 (EN435)	1.5" Pass (Method A) Pass 20mm ø		
Resistance to Light	ASTM F1515	ΔE ≤ 8.0 - Meets		
Resistance to Heat	ASTM F1514	ΔE ≤ 8.0 - Meets		

Sustainability	Standard	Result
BRE Green Guide		A+ ENP 472
Product Specific EPD	EN 15804+A2	Available
Recyclable		100%
Recycled Content		Contains recycled material
REACH		Compliant
Indoor Air Comfort Gold		Eurofins certified product
FloorScore		Certified
Finnish M1 Classification		Certified
AgBB/ABG		Pass
Responsible Sourcing	BES 6001	Excellent

Maintenance Performance	Standard	Result
Resistance to Chemicals	ISO 26987 (EN 423) ASTM F925	Excellent Excellent
Alco Hand Gels	Compatible for use with most commonly used alco-based hand gels	
Steam Cleaning	Suitable for steam cleaning on a periodic basis	

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.

Hygiene	Standard	Result
Bacterial Resistance	ISO 846 Part C	Does not favour growth



BS EN 14041



EN 14041

### Polyflor Ltd. Head Office

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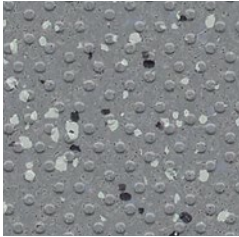
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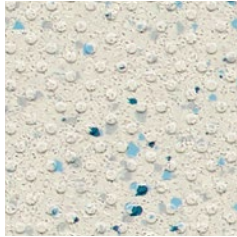
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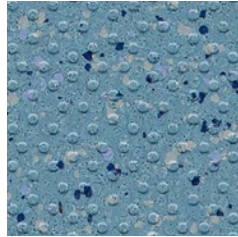
## RANGE SHADES



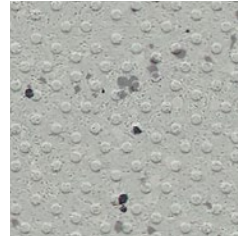
**Tigris 4257**      w/r 4257  
NCS S 4500-N      LRV 28



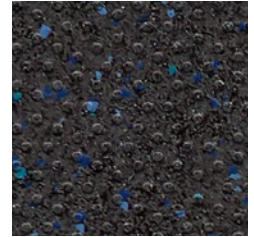
**Indus 4251**      w/r 4251  
NCS S 1502-Y      LRV 58



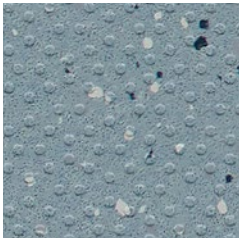
**Adriatic 4258**      w/r 4258  
NCS S 3030-B      LRV 27



**Colorado 4253**      w/r 4253  
NCS S 3000-N      LRV 44



**Black Volta 4255**      w/r 4255  
NCS S 8000-N      LRV 6



**Blue Nile 4256**      w/r 4256  
NCS S 3010-R90B      LRV 34



**Amazon 4252**      w/r 4252  
NCS S 1502-Y50R      LRV 59



**Danube 4254**      w/r 4254  
NCS S 2010-Y60R      LRV 42

w/r - Weld Rod

LRV - Light Reflectance Value

NCS - Natural Colour System

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