



# Polysafe™

## HYDRO

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Polysafe Hydro is a safety vinyl flooring range combining the assurance of sustainable slip resistance with high durability for years of performance in continually wet, barefoot & shod areas.

Available in 8 colours in either a traditional or multi-chip design, the range features safety aggregates in the vinyl and a raised pimple emboss for added grip and underfoot safety, to create a safe interior in commercial or residential areas. Highly suited to disabled adaptations.

- Safety sheet flooring available in 8 colours
- R10 slip resistance per standard DIN 51130
- Approved for the use area classification 23, 34, 43

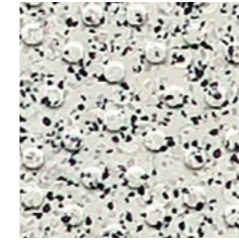




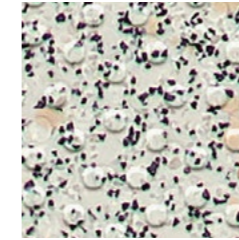
# Polysafe Hydro



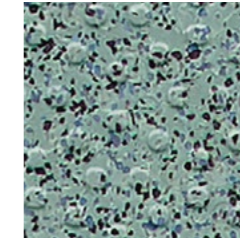
# Polysafe Hydro



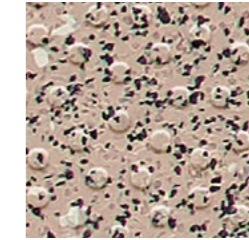
White Stone H4930 w/r 4930  
NCS S 2000-N LRV 44



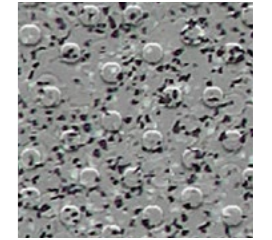
Bisque H4860 w/r 4860  
NCS S 2002-Y50R LRV 46



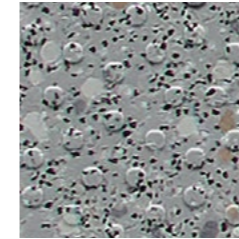
Sheared Slate H4960 w/r 4960  
NCS S 4010-B50G LRV 26



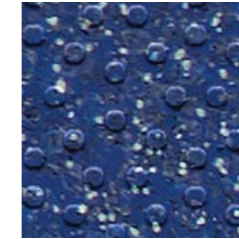
Oystershell H4800 w/r 2010  
NCS S 3010-Y60R LRV 34



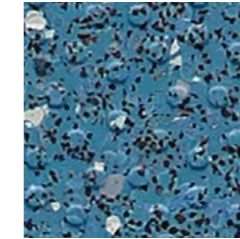
Tempered Steel H4940 w/r 4940  
NCS S 4502-B LRV 25



Woodland Grey H4770 w/r 9120  
NCS S 4500-N LRV 28



Blue Forge H4850 w/r 4850  
NCS S 5030-R70B LRV 9



Marine H4870 w/r 4700  
NCS S 4030-B LRV 19

## Technical Specification

### Product Format

Gauge	ISO 24346 (EN 428)	2.0mm
Total Weight	ISO 23997 (EN 430)	2910g/m <sup>2</sup>

### Performance Requirements

General Performance	EN 13845	Conforms
	ASTM F1303	Type II, Grade I, Class B Backing
Use Area	ISO 10874 (EN 685)	23, 34, 43
	EN 13845	ESb & ESf
Enhanced Slip Resistance	RRL Pendulum Test	≥36 (wet test - Slider 55/96)
	DIN 51097 /	Class B
	DIN EN 16165 Ann. A	
	DIN 51130 /	R10
	DIN EN 16165 Ann. B	
Abrasion Resistance	Surface Roughness	Rz ≥20µm
	ASTM D2047	SCOF ≥0.8
	AS 4586 Appendix C	Class B
Reaction to Fire	EN 13845	50,000 cycles
	EN 13501-1	Class Bfl-S1
Static Electrical Propensity	ASTM E648	Class 1
	CAN/ULC S102.2	FSV < 300; SDV < 500
Water Tightness	EN 1815	≤2.0kV Classified as 'antistatic'
	EN 13553	Annex A
Residual Indentation	ASTM F970 (Modified)	≤0.005" (750 psi)
Flexibility	ASTM F137	1.5" Pass
Resistance to Light	ASTM F1515	ΔE ≤ 8.0 - Meets
Resistance to Heat	ASTM F1514	ΔE ≤ 8.0 - Meets

### Sustainability

BRE Green Guide	A+ ENP 472
Generic EN 15804 EPD	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

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

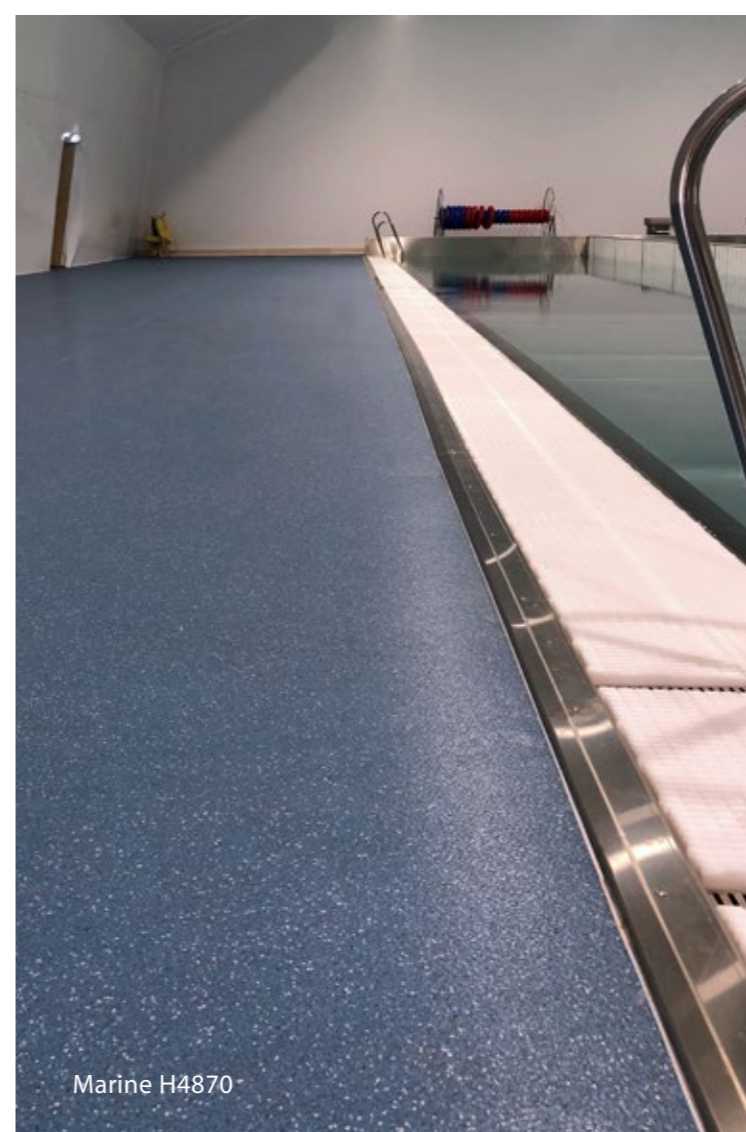
All Polyflor commercial sheet vinyl ranges provide a continuous, impervious and hygienic flooring solution which can be confidently cleaned in accordance with recommended maintenance procedures and approved maintenance products. The implementation of an effective cleaning regime is the most important defence against infection.

### Hygiene

Bacterial Resistance	ISO 846 Part C	Does not favour growth
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## Sheet Size

Format	Size	Shades	Coverage per Roll
Sheet	2m x 20m (21.872 yds x 2.187 yds)	8	40m <sup>2</sup> (47.834 yds)



# All you need to know

## Our history

Founded in 1915, James Halstead plc, the parent company of Polyflor Ltd, was originally a textile company based in Manchester, UK, until the 1950's when it pioneered the development of homogeneous vinyl floorings.



## Responsible sourcing

Polyflor is proud to be the first flooring manufacturer to be awarded BES 6001 certification for the Responsible Sourcing of Construction Product, achieving an Excellent rating. This is a recognised standard certified by BRE Global which proves that a manufacturer is using materials that have been responsibly sourced and acts responsibly.



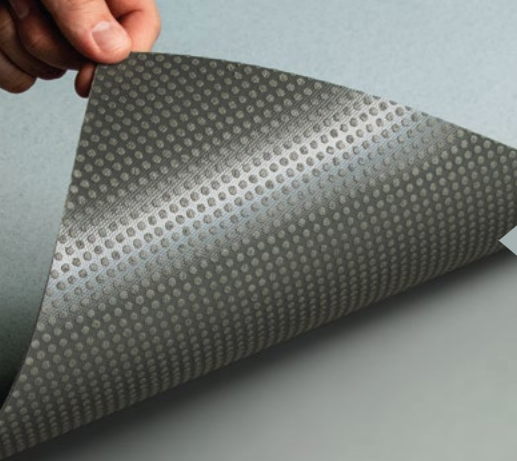
## Help is here

Polyflor has dedicated and experienced personnel within its sales, marketing, technical and design departments, to provide comprehensive support to our customers. We are ready to assist with queries on topics such as product selection, specification, installation, performance and ongoing maintenance.



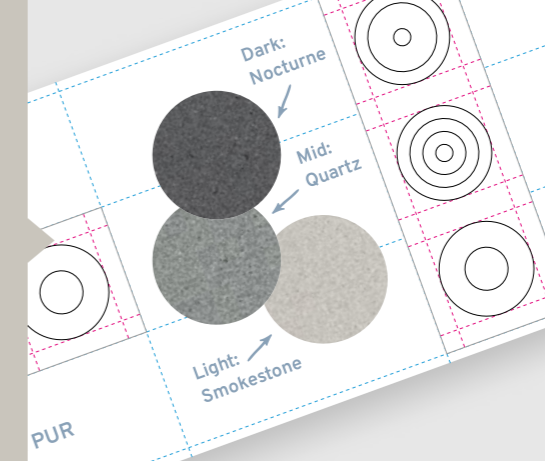
## Product innovation

In collaboration with industry partners, Polyflor is working on developments in new products and technologies. Recent launches include a non-directional homogeneous sheet collection that keeps waste to a minimum and loose lay adhesive-free safety sheet and high design tile and plank flooring for quick turnaround projects.



## Design service

Our designers can provide visuals and advise colours and product choices when you're looking to create a memorable floor design. We offer the precision and the flexibility of waterjet cutting to produce any design you require.



## BIM objects

A selection of Polyflor's market leading product ranges are now available as Building Information Modelling (BIM) objects. These objects can be downloaded free of charge from the NBS National BIM Library or [www.polyflor.com/bim](http://www.polyflor.com/bim) and [www.bimobject.com](http://www.bimobject.com)

## Commitment to our supply chain

With ISO 9001 Quality Management and ISO 14001 accreditation, the availability of consistent, good quality products is ensured. We test our products to a wide range of international standards, including slip resistance and VOC emissions, to back-up their performance.



## Flooring when you need it

Thanks to Polyflor's extensive warehousing facilities and commitment to holding large quantities of stock, we can react quickly to orders and offer faster lead times for our customers. Polyflor products are readily available worldwide through our wide network of supporting agents and wholesale partners.



## Training at Polyflor

To encourage best practice throughout the flooring sector, Polyflor offers both floor laying and floor cleaning courses in a purpose-built facility. For more info contact [info@polyflor.ca](mailto:info@polyflor.ca)



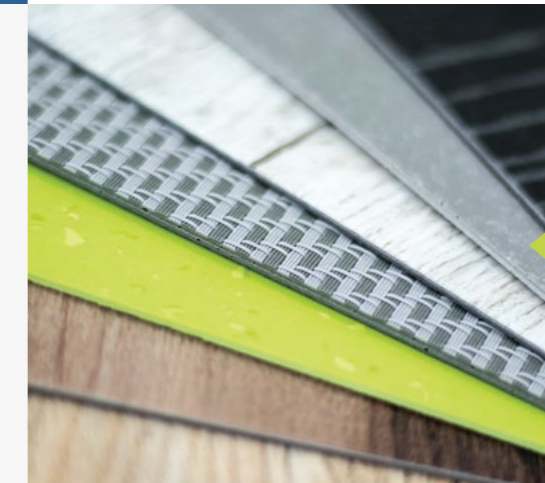
## Recycling vinyl

Polyflor is a co-founding and funding member of Recofloor, the UK flooring industry's leading vinyl take back scheme for waste vinyl off-cuts and smooth uplifted flooring. For more information about the Recofloor recycling scheme visit [www.recofloor.org](http://www.recofloor.org)



## Low maintenance

Polyflor's PUR polyurethane reinforcement is cross linked and UV cured for enhanced protection, optimum appearance retention and superior cleaning benefits such as an easier more environmentally friendly maintenance regime. For further in-depth and tailored information on floor maintenance, visit [www.polyflor.ca](http://www.polyflor.ca)



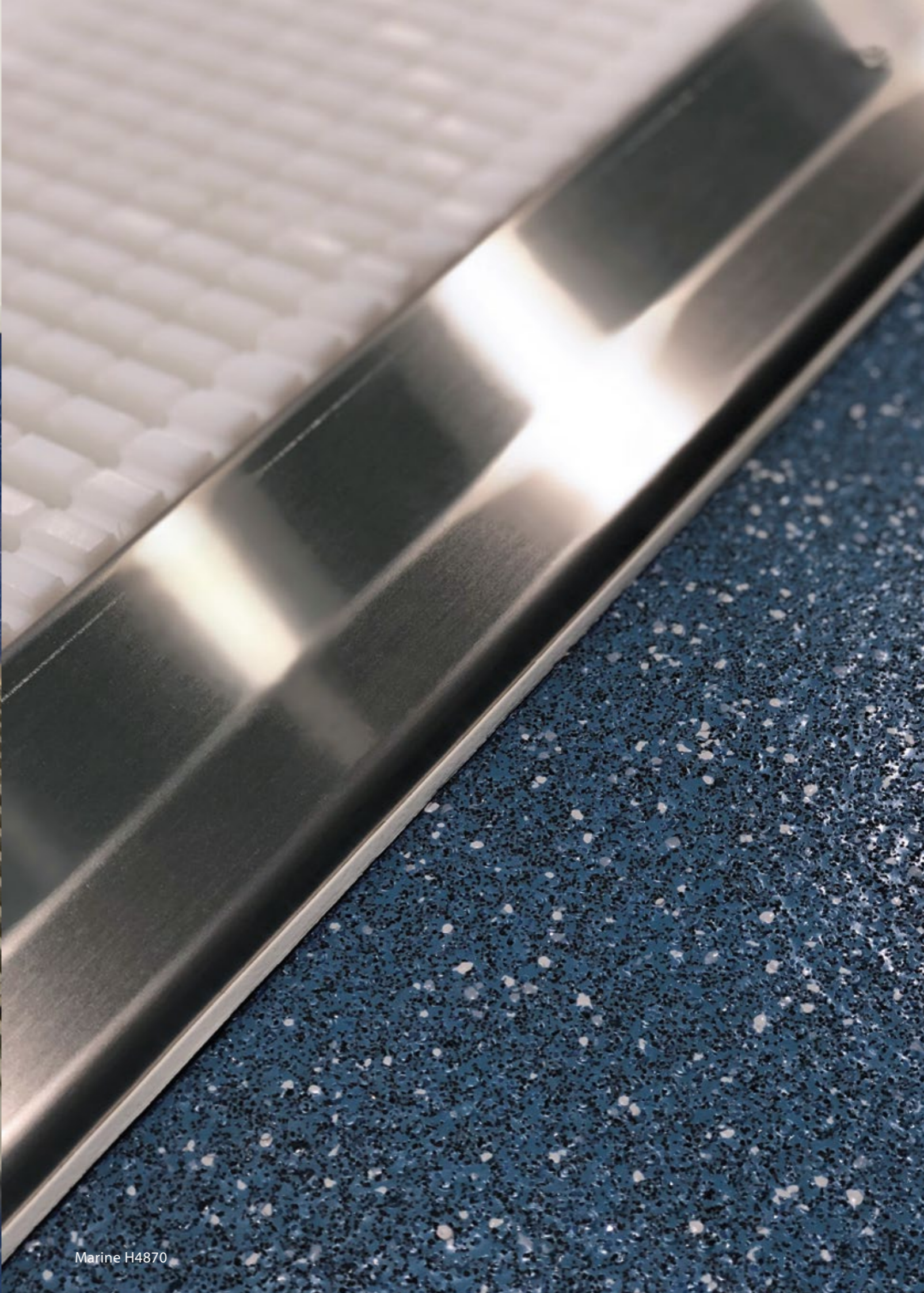
## Free samples

To request free individual product samples of any of Polyflor's flooring collections, visit [www.polyflor.ca](http://www.polyflor.ca) or email us at [samples@polyflor.ca](mailto:samples@polyflor.ca). Alternatively, you can call the dedicated Polyflor Sample Hotline on (905) 364-3000





Blue Forge H4850



Marine H4870

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*James Halstead™*  
FLOORING