

EXPONA®

DESIGN PUR

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The Expona Design collection of luxury vinyl tiles blurs the lines between natural wood and stone finishes.

By intentionally including a variety of patterns with the same harmonious colour scheme, different floor coverings can be combined to add a unique element to any interior.

The exclusive designs featured in this collection provide the opportunity for creativity and encourage play and engagement.

- Luxury Vinyl Tile available in 30 colours
- PUR no wax, no finish, low maintenance
- R10 slip resistance per standard DIN 51130





Expona Design PUR

Technical Specification

Product Format		
Gauge	ISO 24346 (EN 428)	3.0mm
Wear Layer	ISO 24340 (EN 429)	0.70mm
Total Weight	ISO 23997 (EN 430)	5100g/m²
Finish	PUR	
Performance Requirements		
General Performance	ISO 10582 (EN 649) ASTM F1700	Conforms Class III Type A+B
Use Area	ISO 10874 (EN 685)	23, 34, 43
Slip Resistance	EN 13893	Class D5
	DIN 51130 /	R10
	DIN EN 16165 Ann. B AS 4586	R10
Binder Content	ISO 10582	Type I
Abrasion Resistance	EN 649	Group T
Reaction to Fire	EN 13501-1	Class Bfl-S1
	ASTM E662	<450 Pass
	ASTM E648	Class 1
	CAN/ULC S102.2	FSV < 300; SDV < 500
Static Electrical Propensity	EN 1815	≤2.0kV Classified as 'antistatic'
Residual Indentation	ISO 24343-1	<0.05mm*
	ASTM F970	≤0.005" @ 750psi
	ASTM F1914	≤0.005"
Castor Chair (continuous use)	ISO 4918 (EN 425)	Suitable
Dimensional Stability	ISO 23999 (EN 434) ASTM F2199	≤0.10% Pass
Flexibility	ASTM F137	1" - Pass
Underfloor Heating	Suitable, max 27°C	
*Average test value from current production.		

Plank & Tile Sizes

Format	Size	Shades	Quantity per Box	Coverage per Box
Plank	152.4mm x 914.4mm (6" x 36")	2	48	3.34m² (35.951 ft)
	203.2mm x 1219.2mm (8" x 48")	6	36	3.46m² (37.243 ft)
	184.2mm x 1524mm (7.25" x 60")	2	36	3.37m² (36.274 ft)
	203.2mm x 1524mm (8" x 60")	5	15	3.41m² (36.704 ft)

Performance Requirements (Continued)		
Light Fastness	ISO 105-B02 (Method 3)	≥6
Resistance to Light	ASTM F1515	ΔE ≤ 8.0 - Meets
Resistance to Heat	ASTM F1514	ΔE ≤ 8.0 - Meets
Sustainability		
BRE Green Guide	A+ ENP 429	
GreenTag	LCA Rate Gold Plus	GreenRate level A
Specific EN 15804 EPD	Available	
Recyclable	100%	
Recycled Content	Up to 40%	
REACH	Compliant	
Indoor Air Comfort Gold	Eurofins certified product	
FloorScore	Certified	
Finnish M1 Classification	Certified	
AqBB/ABG	Pass	
Responsible Sourcing	BES 6001	Very Good
	SA 8000	Approved factory

Acoustic Performance		
Impact Sound Reduction	ISO 10140-3	3dB
Sound Transmission Coefficient	ASTM E90/492	STC 55
Impact Insulation Class	ASTM E90/492	IIC 36

Maintenance Performance		
Resistance to Chemicals	ISO 26987 (EN 423)	Good resistance
	ASTM F925	Good resistance
Regular light maintenance is more cost-effective than periodic heavy maintenance and more beneficial to the floor covering.		

Format	Size	Shades	Quantity per Box	Coverage per Box
Tile	609.6mm x 609.6mm (24" x 24")	3	9	3.34m² (35.951 ft)
	304.8mm x 609.6mm (12" x 24")	3	18	3.34m² (35.951 ft)
	304.8mm x 914.4mm (12" x 36")	2	12	3.34m² (35.951 ft)
	457.2mm x 914.4mm (18" x 36")	1	8	3.34m² (35.951 ft)
	914.4mm x 914.4mm (36" x 36")	3	6	5.01m² (53.927 ft)
	609.6mm x 1219.2mm (24" x 48")	4	6	4.46m² (48.007 ft)

203.2mm x 1524mm 8" x 60"		LRV 57/14/43
Salvaged Pier Timber 9048*		LRV 48/8/40
Rustic Spiced Timber 9047*		LRV 41/13/28
Whiskey Barrel Timber 9049*		LRV 33/20/13
Reclaimed Inked Oak 9051*		

184.2mm x 1524mm 7.25" x 60"		LRV 47
Pacific Oak 9041		LRV 31
Parkside Oak 9039		LRV 22
Mango Oak 9042		LRV 25
Promenade Oak 9038		LRV 48
Coral Medley 9126		LRV 27
Smoked Medley 9125		LRV 27
Sepia Medley 9127		

203.2mm x 1219.2mm 8" x 48"		LRV 19
Silvered Driftwood 6146		LRV 23
Natural Brushed Oak 6179		
152.4mm x 914.4mm 6" x 36"		LRV 25
Light Elm 6182		

304.8mm x 609.6mm
12" x 24"



Monochrome Geotexture 9148
LRV 39



Cream Geotexture 9147
LRV 58



Atlantic Slate 7154
LRV 13

609.6 x 609.6mm
24" x 24"



Grey Stencil Concrete 9139
LRV 38



Rusted Stencil Concrete 9141
LRV 24



Cool Grey Concrete 7237
LRV 22

304.8 x 914.4mm
12" x 36"



Silverline Slate 9145
LRV 24



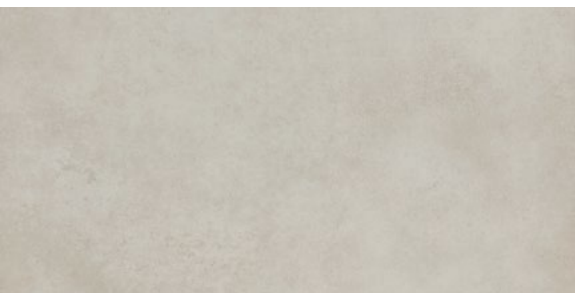
Charcoal Slate 9146
LRV 7

457.2 x 914.4mm
18" x 36"



Black Treadplate 8122
LRV 12

609.6 x 1219.2mm
24" x 48"



Frosted Cement 9134
LRV 63



Wet Cement 9135
LRV 45



Subway Cement 9133
LRV 27



Factory Cement 9137
LRV 16

914.4mm x 914.4mm
36" x 36"



Pearl Stone 9128
LRV 42



Medina Stone 9131
LRV 18



African Blue Stone 9132
LRV 11



Salvaged Pier Timber 9048 | Factory Cement 9137



Smoked Medley 9125



Natural Brushed Oak 6179



Mango Oak 9042



Silverline Slate 9145 | Charcoal Slate 9146



Grey Stencil Concrete 9139



Cream Geotexture 9147 | Frosted Cement 9134



Subway Cement 9133 | Wet Cement 9135

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.



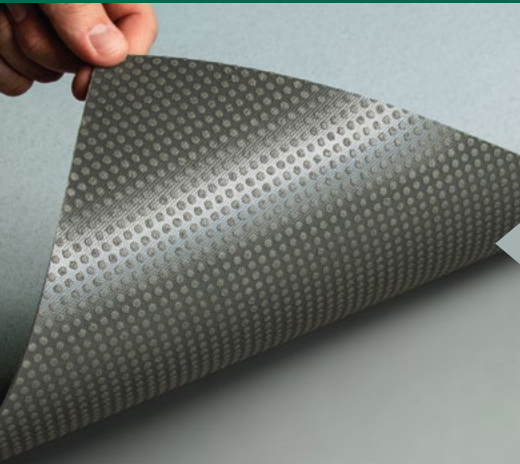
Help is here

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.



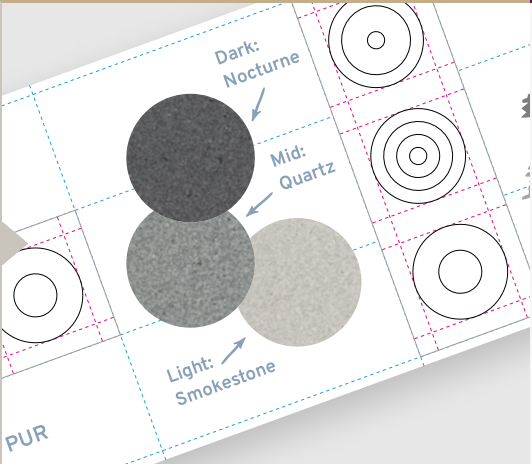
Product innovation

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 and 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



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



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



Free samples

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



Charcoal Slate 9146



Light Elm 6182

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FLOORING