

EXPONA®



FLOW PUR

EXPONA FLOW PUR

Expona Flow encompasses beautifully replicated woodplanks, and abstract effects in a practical and durable vinyl sheet format.

This collection is specifically designed for a wide range of commercial interiors. The creative timber and striking abstract designs are ideal for education, healthcare, office, retail and leisure sectors, developed in a practical, resilient and hygienic product construction.

- Heterogeneous sheet available in 44 colours
- PUR no wax, no finish, low maintenance
- R10 slip resistance per standard DIN 51130





Technical Specification

Product Format		
Gauge	ISO 24346 (EN 428)	2.0mm
Wear Layer	ISO 24340 (EN 429)	0.70mm
Total Weight	ISO 23997 (EN 430)	2660g/m ²
Finish	PUR	
Performance Requirements		
General Performance	ISO 10582 (EN 649)	Conforms
	ASTM F1303	Type I, Grade I, Class B Backing
Use Area	ISO 10874 (EN 685)	23, 34, 43
Slip Resistance	EN 13893	Class DS
	DIN 51130 /	R10
	DIN EN 16165 Ann. B	
	AS 4586	R10
	ASTM D2047	SCOF ≥0.5
Binder Content	ISO 10582	Type I
Abrasion Resistance	EN 649	Group T
Reaction to Fire	EN 13501-1	Class Bfl-S1
	ASTM E648	Class 1
	CAN/ULC S102.2	FSV < 300; SDV < 500
Static Electrical Propensity	EN 1815	≤2.0kV Classified as 'antistatic'
Residual Indentation	ASTM F1914	<0.005"
	ASTM F970 (Modified)	<0.005" (750 psi)
	ISO 24343-1	≤0.10mm
Castor Chair (continuous use)	ISO 4918 (EN 425)	Suitable
Dimensional Stability	ISO 23999 (EN 434)	≤0.40%
Flexibility	ISO 24344 (EN 435)	(Method A) Pass 20mm ø
	ASTM F137	0.25" Pass
Underfloor Heating		Suitable, max 27°C
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

Sheet Size

Format	Size	Shades	Coverage per Box
Sheet	2m x 20m (2.187 yds x 21.872 yds)	44	40m ² (47.834 yds)

Sustainability		
BRE Green Guide		A+ ENP 415
GreenTag	LCA Rate Gold Plus	GreenRate level A
Generic EN 15804 EPD		Available
Recyclable		100%
Recycled Content		10%
REACH		Compliant
Indoor Air Comfort Gold		Eurofins certified product
FloorScore		Certified
Finnish M1 Classification		Certified
AgBB/ABG		Pass
Responsible Sourcing	BES 6001	Excellent

Acoustic Performance

Impact Sound Reduction	ISO 10140-3	8dB
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Maintenance Performance

Resistance to Chemicals	ISO 26987 (EN 423)	Good resistance
	ASTM F925	Good resistance

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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Expona Flow PUR



Grey Archer Oak **9683**
plank size in sheet: 100 x 333mm
w/r 9683 LRV 35



Tan Archer Oak **9684**
plank size in sheet: 100 x 333mm
w/r 9684 LRV 32



Classic Basket Weave **9681**
plank size: 297 x 56mm & 120 x 120mm
w/r 9681 LRV 34



Antique Basket Weave **9682**
plank size: 297 x 56mm & 120 x 120mm
w/r 9682 LRV 22



Ridge Oak **9672**
plank size in sheet: 200 x 1500mm
w/r 9672 LRV 34



Eden Oak Parquet **9677**
plank size in sheet: 88 x 700mm
w/r 9677 LRV 40



Serene Oak Parquet **9678**
plank size in sheet: 88 x 700mm
w/r 9678 LRV 30



Upland Oak Parquet **9679**
plank size in sheet: 88 x 700mm
w/r 9679 LRV 33



Borough Oak **9676**
plank size in sheet: 200 x 1500mm
w/r 9676 LRV 22



Bracken Oak **9674**
plank size in sheet: 200 x 1500mm
w/r 9674 LRV 28



Eden Oak **9671**
plank size in sheet: 200 x 1500mm
w/r 9671 LRV 37



Serene Oak **9673**
plank size in sheet: 200 x 1500mm
w/r 9673 LRV 29



Upland Oak **9675**
plank size in sheet: 200 x 1500mm
w/r 9675 LRV 33



Honey Oak **9821**
plank size in sheet: 167 x 1500mm
w/r 9821 LRV 22



Toasted Oak **9822**
plank size in sheet: 167 x 1500mm
w/r 9822 LRV 18



Classic Limed Ash **9833**
plank size in sheet: 166 x 1500mm
w/r 9833 LRV 49



Warm Limed Ash **9832**
plank size in sheet: 166 x 1500mm
w/r 9832 LRV 34



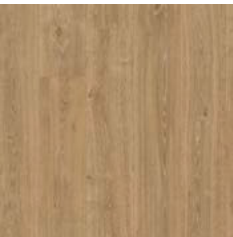
Sun Bleached Oak **9825**
plank size in sheet: 200 x 1500mm
w/r 9825 LRV 31



Blond Oak **9820**
plank size in sheet: 167 x 1500mm
w/r 9820 LRV 28



Roasted Limed Ash **9831**
plank size in sheet: 166 x 1500mm
w/r 9831 LRV 27



English Oak **9823**
plank size in sheet: 200 x 1500mm
w/r 9823 LRV 24



Honey Beige **9869**
NCS S 3005-Y50R
w/r 9869 LRV 29



Autumn Rain **9864**
NCS S 5005-Y80R
w/r 9864 LRV 24



Silver Oak **9826**
plank size in sheet: 200 x 1500mm
w/r 9826 LRV 28



Smoked Oak **9827**
plank size in sheet: 200 x 1500mm
w/r 9827 LRV 11

w/r - Weld Rod

LRV - Light Reflectance Value

NCS - Natural Colour System

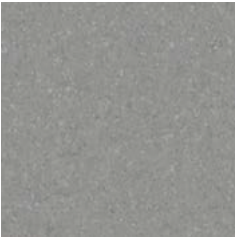
Expona Flow PUR



Dove Cement 9685
w/r 9685 LRV 43



Oyster 9693
w/r 9693 LRV 42



Storm 9845
w/r 9845 LRV 26



Light Grey Concrete 9858
w/r 9858 LRV 40



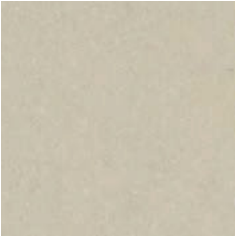
Light Industrial Concrete 9860
w/r 9860 LRV 35



Chalk Cement 9687
w/r 9687 LRV 53



Marlstone 9692
w/r 9692 LRV 41



Oatmeal 9840
w/r 9840 LRV 43



Copper Ornamental 9861
w/r 9861 LRV 19



Warm Concrete 9855
w/r 9855 LRV 25



Sepia Cement 9688
w/r 9688 LRV 39



Pebble 9691
w/r 9691 LRV 29



Moleskin 9841
w/r 9841 LRV 28



Dark Industrial Concrete 9859
w/r 9859 LRV 24



Cool Concrete 9856
w/r 9856 LRV 22



Pewter Cement 9686
w/r 9686 LRV 22



Starlight 9689
w/r 9689 LRV 15



Jet 9842
w/r 9842 LRV 8



Dark Grey Concrete 9857
w/r 9857 LRV 13



Moleskin 9841



Oatmeal 9840 / Antique Basket Weave 9682



Silver Oak 9826 | Smoked Oak 9827



Pebble 9691 / Dark Grey Concrete 9857



Bracken Oak 9674



Ridge Oak 9672



Marlstone 9692



Cool Concrete 9856



Borough Oak 9676

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.



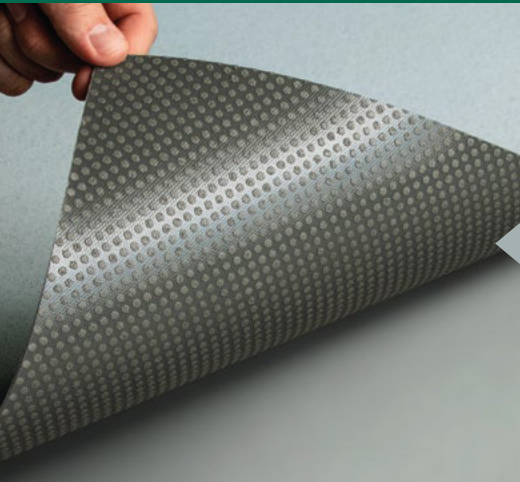
Help is here

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.



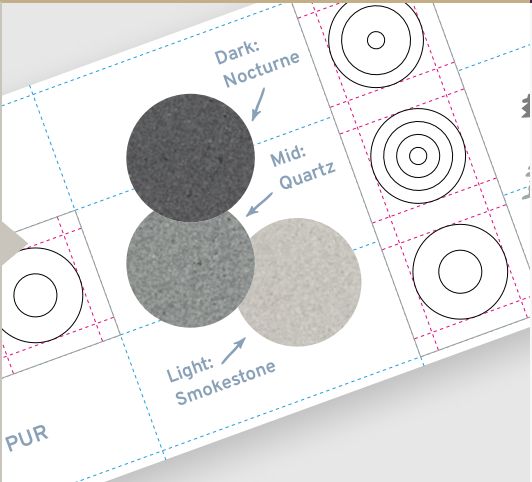
Product innovation

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



Archer Oak 9683 / 9685 Dove Cement



Oyster 9693

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*James Halstead*TM
FLOORING