



POLYFLOR™
COVERING THE WORLD

Affinity2⁵⁵ PUR

Affinity255 PUR

A beautifully engineered collection of high design luxury vinyl tiles developed for heavy traffic environments, Affinity255 is an eclectic mix of authentically reproduced wood plank designs, incorporating contemporary and recycled timber patterns.

The rustic timber designs are ideal for education, healthcare, office, retail and leisure sectors, developed and presented in a practical, resilient and hygienic product construction.

- Luxury Vinyl Tile available in 16 colours
- PUR no wax, no finish, low maintenance
- R10 slip resistance per standard DIN 51130



Cracked White Oak 9871



Affinity2⁵⁵ PUR



Technical Specification

Product Format		
Gauge	ISO 24346 (EN 428)	2.0mm
Wear Layer	ISO 24340 (EN 429)	0.55mm
Total Weight	ISO 23997 (EN 430)	2964g/m²
Finish	PUR	
Performance Requirements		
General Performance	ISO 10582 (EN 649)	Conforms
Use Area	ISO 10874 (EN 685)	23, 33, 42
Slip Resistance	EN 13893	Class DS
	DIN 51130 /	R10
	DIN EN 16165 Ann. B	
	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 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)	≤0.25%
	ASTM F2199	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

*Average test value from current production.

Plank Size

Format	Size	Shades	Quantity per Box	Coverage per Box
Plank	184.2mm x 1219.2mm (7.224" x 48")	16	15	3.37m² (36.274 ft)

Affinity2⁵⁵ PUR

184.2mm x 1219.2mm
7.25" x 48"



Aspen Pine 9870

LRV 50



Cross Sawn Timber 9878

LRV 29



Cracked White Oak 9871

LRV 45



Hazel Oak 9879

LRV 21



Planed White Oak 9872

LRV 46



Smoked Walnut 9880

LRV 18



French Limed Oak 9873

LRV 37



Flamed Chestnut 9881

LRV 15



Champagne Oak 9874

LRV 42



Huckleberry Oak 9882

LRV 13



Dappled Oak 9875

LRV 29



Reclaimed Pine 9883

LRV 25



Harvest Oak 9876

LRV 28



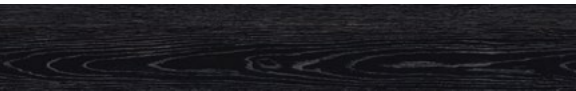
Seasoned Grey Oak 9884

LRV 27



Saw Mill Oak 9877

LRV 28



Jet Black Ash 9885

LRV 6



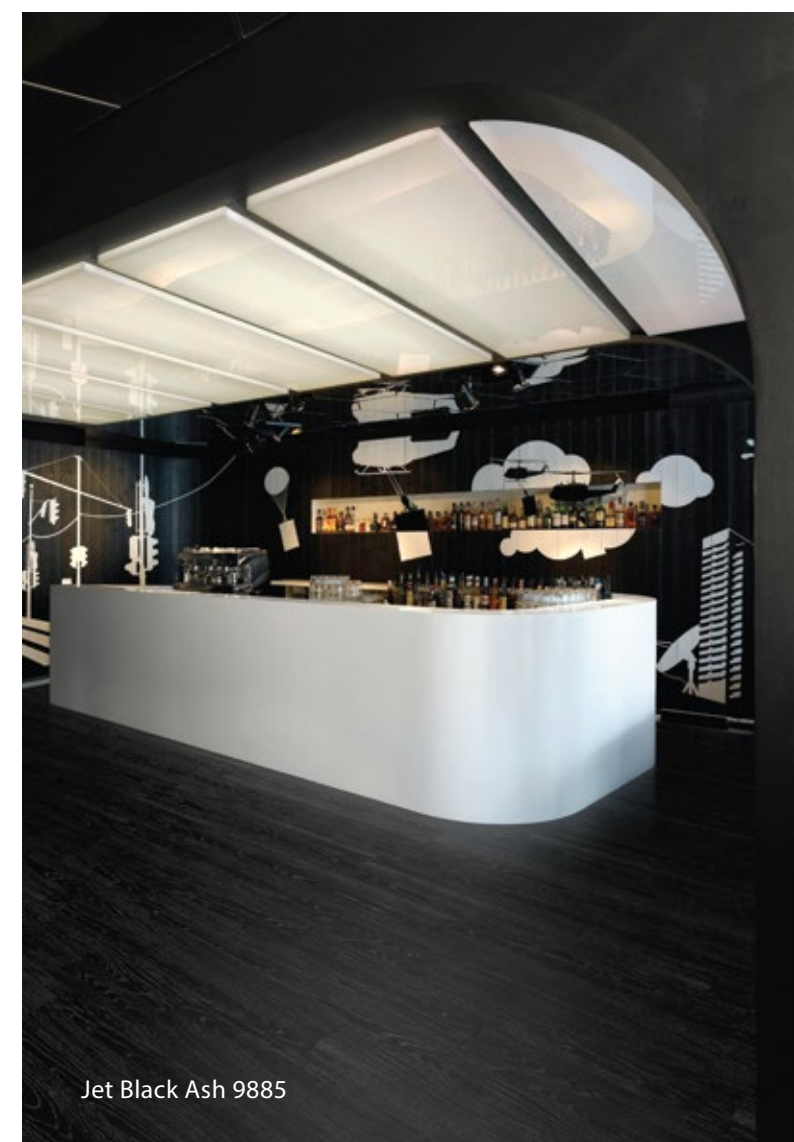
Champagne Oak 9874



Dappled Oak 9875



Cross Sawn Timber 9878



Jet Black Ash 9885

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.



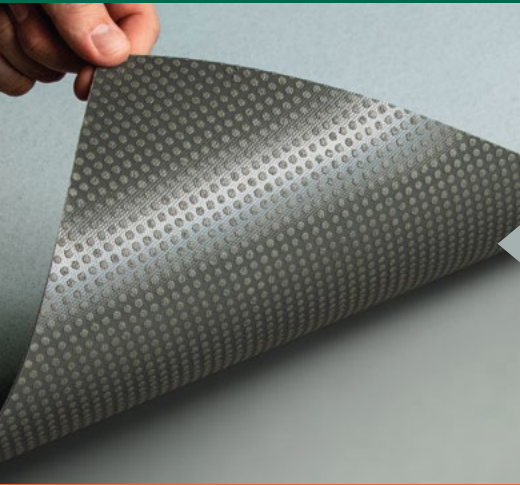
Help is here

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.



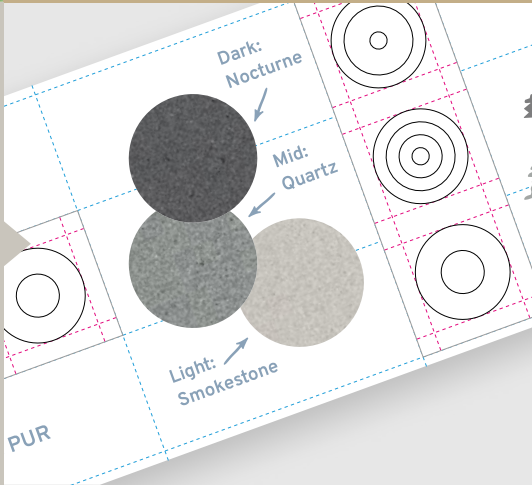
Product innovation

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





Dappled Oak 9875



Aspen Pine 9870

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FLOORING