



EXPONA®

SILENTFLOR
19dB PUR

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Elegantly combining contemporar and decorative design with superior acoustic performance, the Silentflor vinyl sheet flooring range has been expertly created for a wide range of commerical interiors.

Silentflor provides a perfect solution for installations in the healthcare, office, education, residential, retail and leisure sectors. An environmentally preferable flooring collection, Silentflor is also 100% recyclable.

- Acoustic sheet flooring available in 34 colours
- PUR no wax, no finish, low maintenance
- Impact sound reduction level of 19dB



Silentflor 19dB PUR

Silentflor 19dBPUR

Technical Specification

Product Format		
Gauge	ISO 24346 (EN 428)	3.7mm
Wear Layer	ISO 24340 (EN 429)	0.65mm
Total Weight	ISO 23997 (EN 430)	2550g/m ²
Finish	PUR	
Performance Requirements		
General Performance	ISO 11638 (EN 651)	Conforms
	ASTM F1303	Type I, Class I, Class C Backing
Use Area	ISO 10874 (EN 685)	23, 34, 42
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 651	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)	≤0.009" (750 psi)
	ISO 24343-1	≤0.20mm
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
Thermal Resistance	EN 12667	0.0525m ² K/W
Underfloor Heating	Suitable, max 27°C	
Light Fastness	ISO 105-B02 (Method 3)	≥6
Furniture Leg	ISO 16581 (EN 424)	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 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	19dB	
Sound Transmission Coefficient	ASTM E90/492	STC 56	
Impact Insulation Class	ASTM E90/492	IIC 57	

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.		

Sheet Size

Format	Size	Shades	Coverage per Roll
Sheet	2m x 20m (2.187 yds x 21.872 yds)	34	40m ² (47.834 yds)



Eden Oak Parquet 8955
plank size in sheet: 88 x 700mm
w/r 9677 LRV 40



Serene Oak Parquet 8956
plank size in sheet: 88 x 700mm
w/r 9678 LRV 30



Upland Oak Parquet 8957
plank size in sheet: 88 x 700mm
w/r 9679 LRV 33



Honey Oak 9959
plank size in sheet: 167 x 1500mm
w/r 9821 LRV 22



Ridge Oak 8952
plank size in sheet: 200 x 1500mm
w/r 9672 LRV 34



Eden Oak 8951
plank size in sheet: 200 x 1500mm
w/r 9671 LRV 37



Serene Oak 8953
plank size in sheet: 200 x 1500mm
w/r 9673 LRV 29



Roasted Limed Ash 9954
plank size in sheet: 166 x 1500mm
w/r 9831 LRV 27



Toasted Oak 9960
plank size in sheet: 167 x 1500mm
w/r 9822 LRV 18



Smoked Oak 9963
plank size in sheet: 200 x 1500mm
w/r 9827 LRV 11



Classic Limed Ash 9955
plank size in sheet: 166 x 1500mm
w/r 9833 LRV 49



Warm Limed Ash 9953
plank size in sheet: 166 x 1500mm
w/r 9832 LRV 34



Sun Bleached Oak 9952
plank size in sheet: 200 x 1500mm
w/r 9825 LRV 31



Blond Oak 9956
plank size in sheet: 167 x 1500mm
w/r 9820 LRV 28



English Oak 9957
plank size in sheet: 200 x 1500mm
w/r 9823 LRV 24



Honey Beige 9985
NCS S 3005-Y50R
w/r 9869 LRV 29



Autumn Rain 9986
NCS S 5005-Y80R
w/r 9864 LRV 24



Silver Oak 9951
plank size in sheet: 200 x 1500mm^m
w/r 9826 LRV 28



Upland Oak 8954
plank size in sheet: 200 x 1500mm^m
w/r 9826 LRV 28

Silentflor 19dB PUR



Dove Cement 8958
w/r 9685 LRV 43



Oyster 8962
w/r 9693 LRV 42



Light Grey Concrete 9965
w/r 9858 LRV 40



Light Industrial Concrete 9969
w/r 9860 LRV 35



Copper Ornamental 9971
w/r 9861 LRV 19



Warm Concrete 9967
w/r 9855 LRV 25



Sepia Cement 8960
w/r 9688 LRV 39



Pebble 8961
w/r 9691 LRV 29



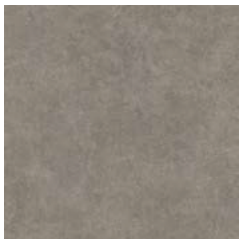
Moleskin 9975
w/r 9841 LRV 28



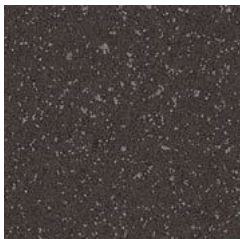
Dark Industrial Concrete 9970
w/r 9859 LRV 24



Cool Concrete 9966
w/r 9856 LRV 22



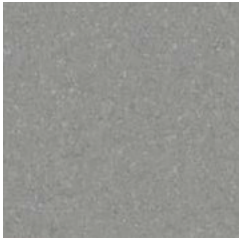
Pewter Cement 8959
w/r 9686 LRV 22



Jet 9974
w/r 9842 LRV 8



Dark Grey Concrete 9968
w/r 9857 LRV 13



Storm 9973
w/r 9857 LRV 13



Warm Limed Ash 9953



Dark Industrial Concrete 9970



Eden Oak 8951



Storm 9973



Silver Oak 9951

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.



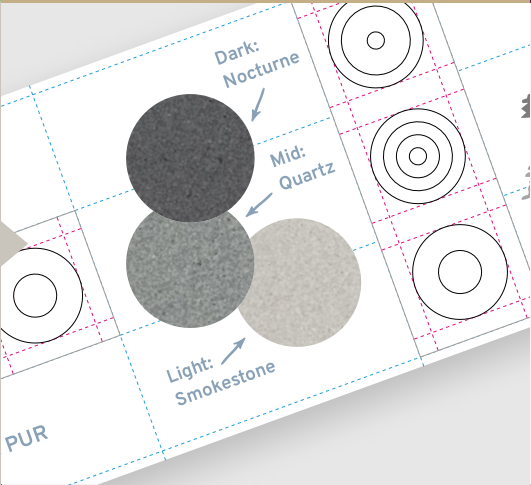
Help is here

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.



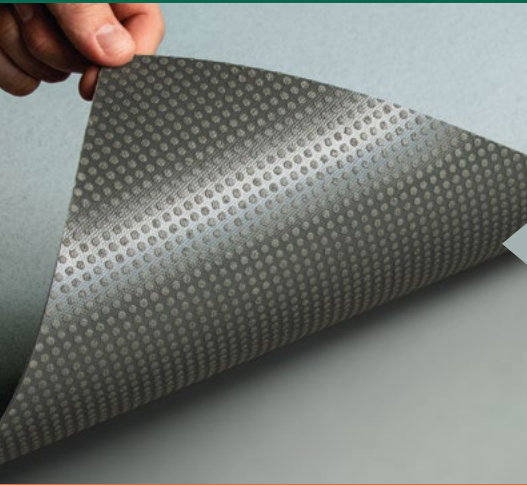
BIM objects

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



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.

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





Classic Limed Ash 9955 / Dove Cement 8958



Moleskin 9975 / Jet 9974

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*James Halstead*TM
FLOORING