

Affinity2⁵⁵ PUR

PRODUCT SPECIFICATION



Key Features

- > Rustic wood & contemporary timber designs
- > Single wide plank format
- > 2mm gauge for seamless finish
- > Low cost, polish-free maintenance
- > Heavy commercial interiors & residential



Product Format	Standard	Result
Gauge	ISO 24346 (EN 428)	2.0mm
Wear Layer	ISO 24340 (EN 429)	0.55mm
Total Weight	ISO 23997 (EN 430)	2964g/m ²
Finish		PUR

Plank Sizes	Size	Shades	Quantity per Box	Coverage per Box/Roll
Plank	184.2mm x 1219.2mm	16	15	3.37m ²

Performance Requirements	Standard	Result
General Performance	ISO 10582 (EN 649) ASTM F1700	Conforms Class III Type A+B
Use Area	ISO 10874 (EN 685)	23, 33, 42
Slip Resistance	EN 13893 DIN 51130 / DIN EN 16165 Ann. B ASTM D2047	Class DS R10 SCOF ≥ 0.5
Binder Content	ISO 10582	Type I
Abrasion Resistance	EN 649	Group T
Reaction to Fire	EN 13501-1 ASTM E662 ASTM E648 CAN/ULC S102.2	Class Bfl-S1 <450 Pass Class 1 FSV < 300; SDV < 500
Static Electrical Propensity	EN 1815	≤2.0kV Classified as 'antistatic'
Residual Indentation	ISO 24343-1 ASTM F970 ASTM F1914	<0.05mm* ≤0.005" @ 750psi ≤0.005"
Castor Chair (continuous use)	ISO 4918 (EN 425)	Suitable
Dimensional Stability	ISO 23999 (EN 434) ASTM F2199	≤0.25% Pass
Flexibility	ASTM F137	1" - Pass
Underfloor Heating		Suitable, max 27°C
Light Fastness	ISO 105-B02 (Method 3)	≥6

Resistance to Light	ASTM F1515	$\Delta E \leq 8.0$ - Meets
Resistance to Heat	ASTM F1514	$\Delta E \leq 8.0$ - Meets

*Average test value from current production.

Sustainability

Sustainability	Standard	Result
BRE Green Guide		A+ Generic
Product Specific EPD	EN 15804+A2	Available
Recyclable		100%
Recycled Content		Up to 40%
REACH		Compliant
Indoor Air Comfort Gold		Eurofins certified product
FloorScore		Certified
Finnish M1 Classification		Certified
AgBB/ABG		Pass
Responsible Sourcing	SA 8000	Approved Factory

Acoustic Performance

Acoustic Performance	Standard	Result
Impact Sound Reduction	ISO 10140-3	2dB

Maintenance Performance

Maintenance Performance	Standard	Result
Resistance to Chemicals	ISO 26987 (EN 423) ASTM F925	Good resistance Good resistance

Regular light maintenance is more cost-effective than periodic heavy maintenance and more beneficial to the floor covering.



BS EN 14041



EN 14041

Polyflor Ltd. Head Office

PO Box 3, Radcliffe New Road, Whitefield, Manchester, M45 7NR • Tel: +44 (0) 161 767 1111 • Email: info@polyflor.com • www.polyflor.com

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RANGE SHADES

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

LRV - Light Reflectance Value

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