

Expona Commercial PUR



PRODUCT SPECIFICATION

Key Features

- > Wood, stone & abstract designs
- > Multiple plank & tile sizes
- > Creative inlay accessories available
- > Low VOC emissions
- > Heavy traffic areas & residential



Product Format	Standard	Result
Gauge	ISO 24346 (EN 428)	2.5mm
Wear Layer	ISO 24340 (EN 429)	0.55mm
Total Weight	ISO 23997 (EN 430)	4290g/m ²
Finish		PUR

Plank & Tile Sizes	Size	Shades	Quantity per Box	Coverage per Box/Roll
Plank	101.6mm x 914.4mm	2	36	3.34m ²
	152.4mm x 609.6mm	5	36	3.34m ²
	152.4mm x 914.4mm	6	24	3.34m ²
	152.4mm x 1219.2mm	8	18	3.34m ²
	184.2mm x 1219.2mm	6	15	3.37m ²
	184.2mm x 1524mm	7	12	3.37m ²
	203.2mm x 1219.2mm	7	14	3.46m ²
	203.2mm x 1524mm	10	11	3.41m ²
Tile	304.8mm x 914.4mm	4	12	3.34m ²
	457.2mm x 914.4mm	4	8	3.34m ²
	609.6mm x 609.6mm	13	9	3.34m ²
	609.6mm x 1219.2mm	8	8	5.95m 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 AS 4586 Appendix D	Class DS R10 ≥0.5 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
	AS ISO 9239.1	≥ 8kW/m2
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)	≤0.10%
	ASTM F2199	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	ΔE ≤ 8.0 - Meets
Resistance to Heat	ASTM F1514	ΔE ≤ 8.0 - Meets

*Average test value from current production.

Sustainability	Standard	Result
BRE Green Guide		A+ ENP 429
GreenTag		GreenRate Level A, LCA Rate Gold Plus
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
AgBB/ABG		Pass
Responsible Sourcing	BES 6001	Very good
	SA 8000	Approved factory

Acoustic Performance	Standard	Result
Impact Sound Reduction	ISO 10140-3	2dB
Sound Transmission Coefficient	ASTM E90/492	STC 55
Impact Insulation Class	ASTM E90/492	IIC 36

Maintenance Performance	Standard	Result
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.



Polyflor Head Office

101 Prosperity Way, Dandenong South, VIC, 3175 • Tel: 1800 777 425 • Email: sales@polyflor.com.au • www.polyflor.com.au

© At the time of writing and publication of sheet, all the information is specified correctly. The company reserves the right to change the specifications of this product at any time without prior notice to third parties.