

Expona Commercial



PRODUCT SPECIFICATION

Key Features

- > Wood, stone & abstract designs
- > Multiple plank & tile sizes
- > Creative inlay accessories available
- > Low VOC emissions
- > Heavy traffic areas & residential
- > Up to 40% recycled content
- > Breeam-NOR compliant
- > Low maintenance cost
- > Phtalate-free



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	76.2mm x 457.2mm	4	96	3.34m ²
	152.4mm x 609.6mm	5	36	3.34m ²
	152.4mm x 1219.2mm	6	18	3.34m ²
	184.2mm x 1219.2mm	5	15	3.37m ²
	184.2mm x 1524mm	5	12	3.37m ²
	203.2mm x 1219.2mm	3	14	3.46m ²
	203.2mm x 1524mm	6	11	3.41m ²
	228.6mm x 1524mm	11	10	3.48m ²
Tile	457.2mm x 914.4mm	5	8	3.34m ²
	914.4mm x 914.4mm	4	6	5.01m ²
	609.6mm x 609.6mm	13	9	3.34m ²
	609.6mm x 1219.2mm	5	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	Class DS R10 ≥0.5 R10
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	≤0.10% 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
Breem- NOR		Compliant
GreenTag	LCA Rate Gold Plus	GreenRate level A
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 SA 8000	Very good 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) ASTM F925	Good resistance Good resistance

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



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