

Expona Design PUR

PRODUCT SPECIFICATION

Key Features

- > Wood, stone & abstract designs
- > Multiple plank & tile sizes
- > Inlay accessories for bespoke designs
- > Low VOC emissions
- > Heavy commercial & residential



Product Format	Standard	Result
Gauge	ISO 24346 (EN 428)	3.0mm
Wear Layer	ISO 24340 (EN 429)	0.70mm
Total Weight	ISO 23997 (EN 430)	5100g/m ²
Finish		PUR

Plank & Tile Sizes	Size	Shades	Quantity per Box	Coverage per Box/Roll
Plank	152.4mm x 914.4mm	1	24	3.34m ²
	203.2mm x 1219.2mm	2	14	3.46m ²
	184.2mm x 1524mm	7	12	3.37m ²
	203.2mm x 1524mm	4	11	3.41m ²
Tile	609.6mm x 609.6mm	3	9	3.34m ²
	304.8mm x 609.6mm	3	18	3.34m ²
	304.8mm x 914.4mm	2	12	3.34m ²
	457.2mm x 914.4mm	1	8	3.34m ²
	914.4mm x 914.4mm	3	6	5.01m ²
	609.6mm x 1219.2mm	4	6	4.46m 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, 34, 43
Slip Resistance	EN 13893 DIN 51130 / DIN EN 16165 Ann. B AS 4586 ASTM D2047	Class DS R10 R10 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
	AS ISO 9239-1	≥8kW/m ²
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
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	BES 6001	Very good
	SA 8000	Approved factory

Acoustic Performance	Standard	Result
Impact Sound Reduction	ISO 10140-3	9dB
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.



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RANGE SHADES

203.2mm x 1524mm
8" x 60"



Salvaged Pier Timber **9048***

LRV 57/14/43



Rustic Spiced Timber **9047***

LRV 48/8/40



Whiskey Barrel Timber **9049***

LRV 41/13/28



Reclaimed Inked Oak **9051***

LRV 33/20/13

*Each shade contains the 6 plank variants below.

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184.2mm x 1524mm

7.25" x 60"



Pacific Oak **9041**

 LRV 47



Parkside Oak **9039**

 LRV 31



Mango Oak **9042**

 LRV 22



Promenade Oak **9038**

 LRV 25



Coral Medley **9126**

 LRV 48



Smoked Medley **9125**

 LRV 27



Sepia Medley **9127**

 LRV 27

203.2mm x 1219.2mm

8" x 48"



Silvered Driftwood **6146**

 LRV 19



Natural Brushed Oak **6179**

 LRV 23

152.4mm x 914.4mm

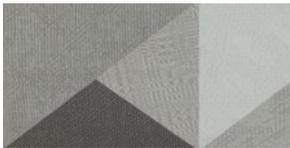
6" x 36"



Light Elm **6182**

LRV 25

304.8mm x 609.6mm
12" x 24"



Monochrome Geotexture **9148** 
LRV 39



Cream Geotexture **9147** 
LRV 58



Atlantic Slate **7154**
LRV 13

609.6 x 609.6mm
24" x 24"



Grey Stencil Concrete **9139**  
LRV 38



Rusted Stencil Concrete **9141**  
LRV 24



Cool Grey Concrete **7237**
LRV 22

304.8 x 914.4mm
12" x 36"



Silverline Slate **9145** 
LRV 24



Charcoal Slate **9146** 
LRV 7

457.2 x 914.4mm
18" x 36"



Black Treadplate **8122**
LRV 12

609.6 x 1219.2mm
24" x 48"



Frosted Cement **9134**

 LRV 63



Wet Cement **9135**

 LRV 45



Subway Cement **9133**

 LRV 27



Factory Cement **9137**

 LRV 16

914.4mm x 914.4mm
36" x 36"



Pearl Stone **9128**

LRV 42



Medina Stone **9131**

LRV 18



African Blue Stone **9132**

LRV 11

LRV - Light Reflectance Value

 Bevelled Edges

 Colour/Pattern Variation

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