

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	609.6mm x 609.6mm	6	9	3.34m ²
	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
	203.2mm x 1524mm	4	11	3.41m 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
BRE Green Guide		A+ ENP 429
GreenTag	LCA Rate Gold Plus	GreenRate level A
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 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.



BS EN 14041



EN 14041

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RANGE SHADES

609.6mm x 609.6mm

24" x 24"



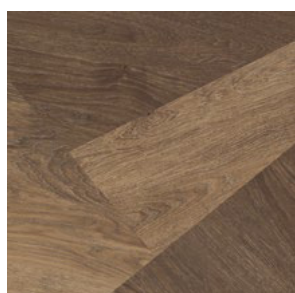
Oiled Oak Versailles 4129
LRV 28



Sherwood Oak Versailles 4124
LRV 19



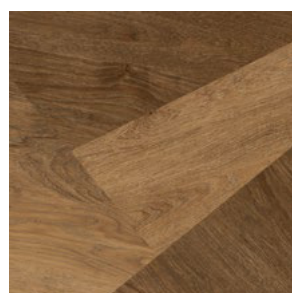
Everglade Oak Versailles 4127
LRV 25



Cottage Oak Prisma 4117
LRV 22



Vineyard Oak Prisma 4118
LRV 30



Provence Oak Prisma 4119
LRV 21

152.4mm x 609.6mm

6" x 24"



French Vanilla Oak Parquet 4122
LRV 38



Saffron Oak Parquet 4121
LRV 18



Oiled Oak Parquet 4128
LRV 28



Sherwood Oak Parquet 4123
LRV 19



Everglade Oak Parquet 4126
LRV 25

152.4mm x 914.4mm

6" x 36"



White Oak 4037



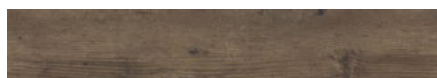
Smoked Beam 4033



Blond Country Plank 4017



Light Elm 4034



Weathered Country Plank 4019



Black Elm 4035

101.6mm x 914.4mm

4" x 36"



Classic Oak 1902



Endgrain Woodblock 4109

Expona Commercial PUR

184.2mm x 1219.2mm
7.25" x 48"



Una White Oak 4132   LRV 48



Wilder Oak 4133   LRV 39



Oiled Oak 4098   LRV 28



Sherwood Oak 4099   LRV 19



Everglade Oak 4101   LRV 25



Roasted Oak 4079  LRV 15

152.4mm x 1219.2mm
6" x 48"



Beige Varnished Wood 4069 LRV 35



Light Varnished Wood 4071 LRV 36



Grey Ash 4020  LRV 28



Honey Ash 4022  LRV 25

184.2mm x 1524mm
7.25" x 60"



Natural Barnwood 4107  LRV 45



Everest Oak 4134  LRV 47



Grey Barnwood 4108  LRV 38



Shoreline Oak 4078 LRV 30



French Vanilla Oak 4058   LRV 38



Saffron Oak 4057   LRV 18



Wild Orchard Oak 4114  LRV 22



Light Classic Oak 4085 LRV 33



Honey Classic Oak 4086 LRV 23



Amber Classic Oak 4087 LRV 22



Dark Classic Oak 4088 LRV 16

203.2mm x 1219.2mm
8" x 48"



Grey Limed Oak 4082  LRV 25



Silvered Driftwood 4014   LRV 19



Blond Limed Oak 4081  LRV 34



Natural Brushed Oak 4031  LRV 26



Antique Oak 4016  LRV 16



Dark Limed Oak 4083  LRV 11



Dark Brushed Oak 4030  LRV 10

203.2mm x 1524mm
8" x 60"



Grey Salvaged Wood 4104  LRV 33



Blue Salvaged Wood 4103  LRV 36



Bronzed Salvaged Wood 4106  LRV 29



Cottage Oak 4116  LRV 22



Vineyard Oak 4136  LRV 30

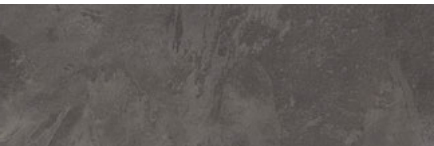


Provence Oak 4113  LRV 21

304.8mm x 914.4mm
12" x 36"



Dovestail Slate 5058  LRV 29



Urban Slate 5057  LRV 10



India Ink Slate 5056  LRV 6



Dark Contour 5046 LRV 10

203.2mm x 1524mm
8" x 60"



Light Triassic 5119   LRV 58



Grey Triassic 5121   LRV 46



Grey Abstract 5117  LRV 47



Black Abstract 5118  LRV 16

609.6mm x 609.6mm
24" x 24"



Light Grey Concrete 5067 LRV 34



Arctic Mosaic 5094 LRV 59



Cool Grey Concrete 5068 LRV 23



Granite Mosaic 5095 LRV 8



Dark Grey Concrete 5069 LRV 14



Black Textile 5077 LRV 16



Warm Grey Concrete 5064 LRV 22

457.2mm x 914.4mm
18" x 36"



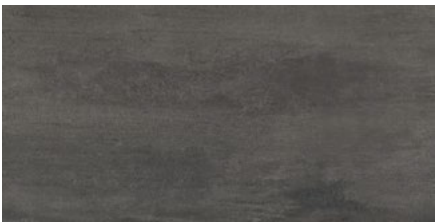
Bister 5099  LRV 52



Industrial Steel 5101  LRV 18



Rusted Metal 5098  LRV 16



Iron Ore 5102  LRV 10

609.6mm x 1219.2mm
24" x 48"



Pure Cement 5034  LRV 34



Tan Cement 5035  LRV 33



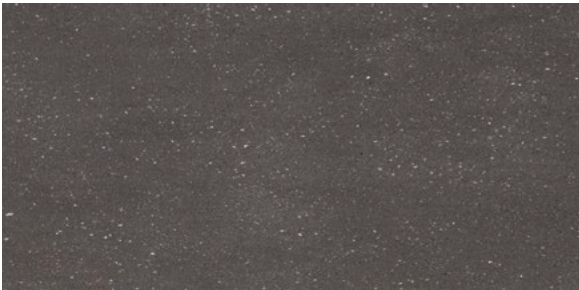
Light Micro Terrazzo 5123  LRV 31



Grey Micro Terrazzo 5124  LRV 26



Warm Micro Terrazzo 5125  LRV 17



Silica Micro Terrazzo 5126  LRV 13



Dark Terrazzo 5127  LRV 27



Grey Terrazzo 5128  LRV 33