

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 SCOF ≥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
	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	8dB
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 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

609.6mm x 609.6mm

24" x 24"



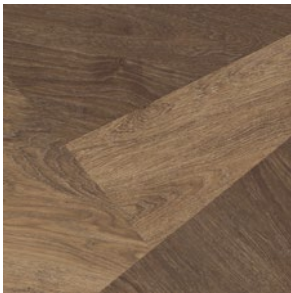
Oiled Oak Versailles **4129**
LRV 28



Sherwood Oak Versailles **4124**
LRV 19



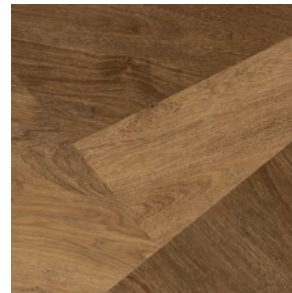
Everglade Oak Versailles **4127**
LRV 25



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**

LRV 49



Smoked Beam **4033**



LRV 40



Blond Country Plank **4017**

LRV 34



Light Elm **4034**

LRV 25



Weathered Country Plank **4019**

LRV 13



Black Elm **4035**

LRV 9

101.6mm x 914.4mm

4" x 36"



Classic Oak **1902**

LRV 27



Endgrain Woodblock **4109**

LRV 17

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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

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

152.4mm x 1219.2mm

6" x 48"



Beige Varnished Wood **4069** LRV 35



Light Varnished Wood **4071** LRV 36



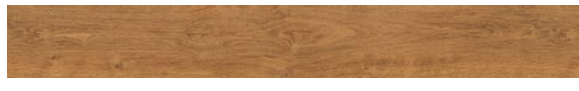
Grey Ash **4020**  LRV 28



Honey Ash **4022**  LRV 25



Light Classic Oak **4085** LRV 33



Honey Classic Oak **4086** LRV 23



Amber Classic Oak **4087** LRV 22



Dark Classic Oak **4088** LRV 16


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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



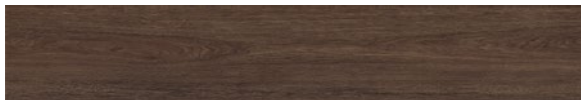
Natural Brushed Oak **4031**  LRV 26



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

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609.6mm x 609.6mm
24" x 24"



Light Grey Concrete **5067** LRV 34



Cool Grey Concrete **5068** LRV 23



Dark Grey Concrete **5069** LRV 14



Warm Grey Concrete **5064** LRV 22



Arctic Mosaic **5094** LRV 59



Granite Mosaic **5095** LRV 8

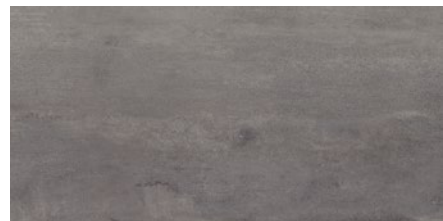


Black Textile **5077** LRV 16

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



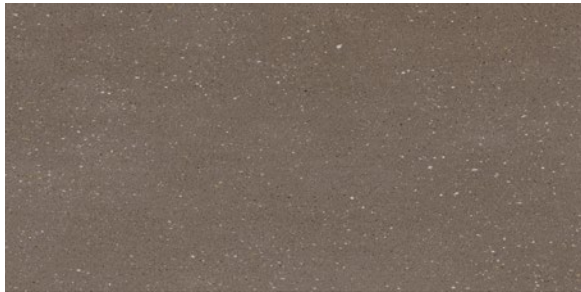
Tan Cement **5035**  LRV 33



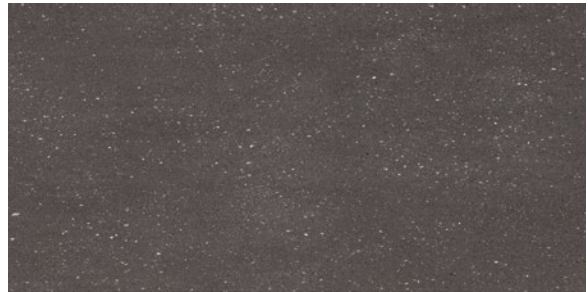
Light Micro Terrazzo **5123**  LRV 31



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

*No pattern repeat

LRV - Light Reflectance Value

 Bevelled Edges

 Colour/Pattern Variation

 Oversized Tiles

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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