

Expona Simplay PUR

PRODUCT SPECIFICATION

Key Features

- > Wood & stone designs
- > Loose lay planks & tiles in multiple sizes
- > Can be installed over existing floor coverings
- > Non-skid honeycomb backing
- > Heavy commercial applications & residential



Product Format	Standard	Result
Gauge	ISO 24346 (EN 428)	5.0mm
Wear Layer	ISO 24340 (EN 429)	0.70mm
Total Weight	ISO 23997 (EN 430)	8000g/m ²
Finish		PUR

Plank & Tile Sizes	Size	Shades	Quantity per Box	Coverage per Box/Roll
Plank	177.8mm x 1219.2mm	15	10	2.17m ²
	185mm x 1505mm	3	8	2.23m ²
Tile	304.8mm x 609.6mm	1	10	1.86m ²
	600mm x 600mm	4	6	2.16m ²
	914.4mm x 914.4mm	2	4	3.34m 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 Appendix D 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 ASTM E662 ASTM E648 AS ISO 9239-1 CAN/ULC S102.2	Class Bfl-S1 <450 Pass Class I ≥ 8kW/m ² FSV < 300; SDV < 500
Static Electrical Propensity	EN 1815	≤2.0kV Classified as 'antistatic'

Residual Indentation	ISO 24343-1 (EN 433) ASTM F970 ASTM F1914	≤0.10mm* ≤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+ Generic
Recyclable & Reusable		100%
Recycled Content		20%
Bio-PVC		Contains Bio-PVC
REACH		Compliant
Indoor Air Comfort Gold		Eurofins certified product
FloorScore		Certified
Finnish M1 Classification		Meets requirements
AgBB/ABG		Pass

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 46

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

Polyflor Head Office

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V2

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RANGE SHADES

177.8mm x 1219.2mm

7" x 48"



White Rustic Pine **2513**



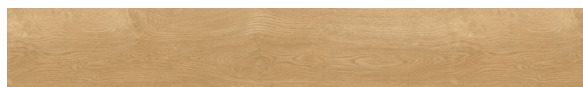
Natural Wild Oak **2571**



Grey Country Oak **2506**



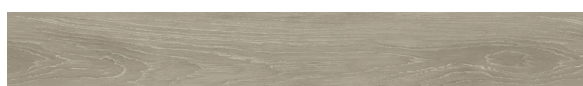
Blond Country Oak **2507**



American Oak **2503**



Natural Ash **2511**



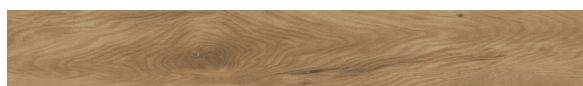
Grey Ash **2512**



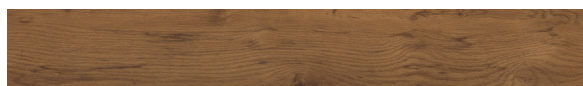
Natural Rustic Pine **2514**



Light Cherry **2501**



Honey Wild Oak **2572**



Brown Wild Oak **2570**



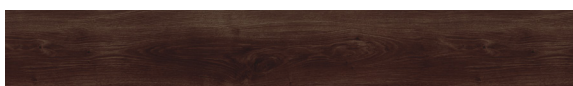
Light Grey Finline **2509**



Dark Grey Finline **2510**



Dark Country Oak **2505**

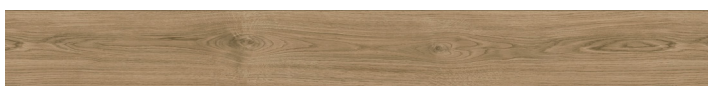


Rich Walnut **2504**



185mm x 1505mm

7.25" x 59.25"



Light Classic Oak **2520**



Medium Classic Oak **2521**

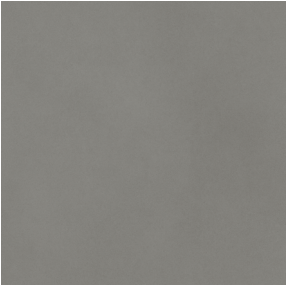


Grey Mystique Wood **2518**

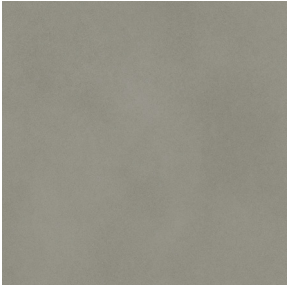


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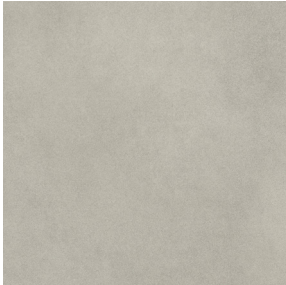
600mm x 600mm
23.6" x 23.6"



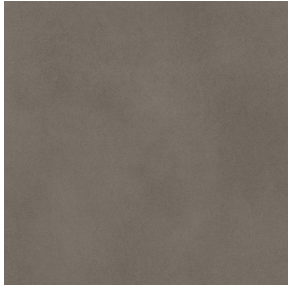
Cold Grey Concrete **2566**
LRV 18



Warm Grey Concrete **2568**
LRV 23



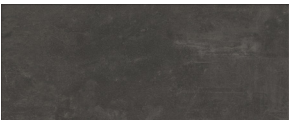
Light Grey Concrete **2567**
LRV 34



Dark Grey Concrete **2569**
LRV 13



304.8mm x 609.6mm
12" x 24"



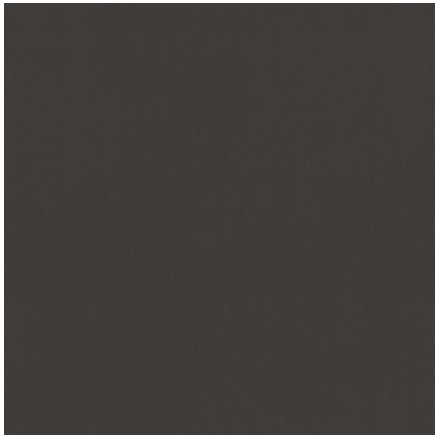
Black Slate **2582**
LRV 9



914.4mm x 914.4mm
36" x 36"



Light Mono **2579**
LRV 51



Charcoal Mono **2581**
LRV 9



LRV - Light Reflectance Value



Bevelled Edges



Colour/Pattern Variation

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