

Expona Simplay 19dB PUR



PRODUCT SPECIFICATION

Key Features

- > Wood & stone designs
- > Acoustic loose lay planks & tiles in multiple sizes
- > Can be installed over existing floor coverings
- > In-built IXPE acoustic backing
- > Up to 19dB impact sound reduction
- > Heavy commercial applications & residential



Product Format	Standard	Result
Gauge	ISO 24346 (EN 428)	5.0mm
Wear Layer	ISO 24340 (EN 429)	0.55mm
Total Weight	ISO 23997 (EN 430)	6380g/m ²
Finish		PUR

Plank & Tile Sizes	Size	Shades	Quantity per Box	Coverage per Box/Roll
Plank	177.8mm x 1219.2mm	8	10	2.17m ²
Tile	600mm x 600mm	4	6	2.16m ²

Performance Requirements	Standard	Result
General Performance	ISO 11638 (EN 651)	Conforms
Use Area	ISO 10874 (EN 685)	23, 33, 42
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 E648 AS ISO 9239-1 CAN/ULC S102.2	Class Cfl-S1 Class 1 >4.5 kW/m ² FSV < 300; SDV < 500
Residual Indentation	ISO 24343-1 (EN 433) ASTM F970 ASTM F1914	≤0.20mm* ≤0.018" @ 750psi ≤0.019"
Castor Chair (continuous use)	ISO 4918 (EN 425)	Suitable
Dimensional Stability	ISO 23999 (EN 434) ASTM F2199	≤0.25% 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	$\Delta E \leq 8.0$ - Meets
Resistance to Heat	ASTM F1514	$\Delta E \leq 8.0$ - Meets

*Average test value from current production.

Sustainability

Standard	Result
BRE Green Guide	A+ Generic
Recyclable & Reusable	100%
Recycled Content	17%
REACH	Compliant
Indoor Air Comfort Gold	Eurofins certified product
FloorScore	Certified
AgBB/ABG	Pass

Acoustic Performance

Standard	Result
Impact Sound Reduction	ISO 10140-3 19dB
Sound Transmission Coefficient	ASTM E90/492 STC 55
Impact Insulation Class	ASTM E90/492 IIC 56
IXPE Acoustic Layer	1.0mm

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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V1

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RANGE SHADES



177.8mm x 1219.2mm
7" x 48"



White Rustic Pine **9067**  LRV 41



Grey Country Oak **9063**  LRV 40



Natural Rustic Pine **9068**  LRV 22



Blond Country Oak **9064**  LRV 36



American Oak **9062**  LRV 34



Light Cherry **9061**  LRV 26

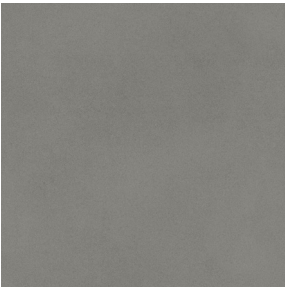


Natural Ash **9065**  LRV 22



Grey Ash **9066**  LRV 28

600mm x 600mm
23.6" x 23.6"



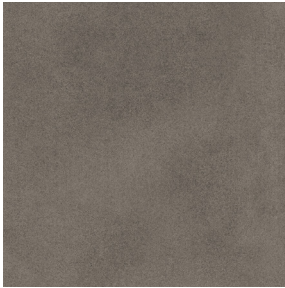
Cold Grey Concrete **9069**
LRV 18



Warm Grey Concrete **9071**
LRV 23



Light Grey Concrete **9070**
LRV 34



Dark Grey Concrete **9072**
LRV 13



LRV - Light Reflectance Value



Bevelled Edges



Colour/Pattern Variation

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