

# 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 <sup>2</sup>
Finish		PUR

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

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 <sup>2</sup> 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

\*Heavy rolling loads to be avoided.

\*\*Average test value from current production.

Sustainability	Standard	Result
BRE Green Guide		A+ Generic
Product Specific EPD	EN 15804+2	Available
Recyclable & Reusable		100%
Recycled Content		17%
REACH		Compliant
Indoor Air Comfort Gold		Eurofins certified product
FloorScore		Certified
Finnish M1 Classification		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)	Good resistance
	ASTM F925	Good resistance

Regular light maintenance is more cost-effective than periodic heavy maintenance and more beneficial to the floor covering.



BS EN 14041

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V2

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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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