

Expona Simplay PUR

PRODUCT SPECIFICATION

Key Features

- > Wood, stone & abstract 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	17	10	2.17m ²
	185mm x 1505mm	8	8	2.23m ²
Tile	177.8mm x 1219.2mm	4	10	2.17m ²
	304.8mm x 609.6mm	2	10	1.86m ²
	600mm x 600mm	6	6	2.16m ²
	914.4mm x 914.4mm	3	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 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 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	≤0.10mm* ≤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
Specific EN 15804 EPD		Available
Recyclable & Reusable		100%
Recycled Content		20%
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.



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Expona Simplay PUR

RANGE SHADES

177.8mm x 1219.2mm

7" x 48"



White Ash **2574**



LRV 56



Natural Ash **2511**



LRV 22



White Rustic Pine **2513**



LRV 41



Brown Wild Oak **2570**



LRV 12



Natural Wild Oak **2571**



LRV 35



Rich Walnut **2504**



LRV 6



Grey Country Oak **2506**



LRV 40



Dark Country Oak **2505**



LRV 11



Natural Rustic Pine **2514**



LRV 22



Grey Ash **2512**



LRV 28



Honey Wild Oak **2572**



LRV 26



Light Grey Finline **2509**



LRV 23



Blond Country Oak **2507**



LRV 36



Dark Grey Finline **2510**



LRV 12



American Oak **2503**



LRV 34



Black Ash **2573**



LRV 7



Light Cherry **2501**



LRV 26

185mm x 1505mm
7.25" x 59.25"



White Vintage Wood **2577**

  LRV 50



Beige Vintage Wood **2578**

  LRV 40



Natural Weathered Wood **2575**

  LRV 34



Light Classic Oak **2520**

 LRV 20



Medium Classic Oak **2521**

 LRV 20



Brown Mystique Wood **2519**

  LRV 9



Grey Weathered Wood **2576**

  LRV 25



Grey Mystique Wood **2518**

  LRV 16

Expona Simplay PUR

914.4mm x 914.4mm
36" x 36"




Beige Mono **2580**
LRV 46 




Light Mono **2579**
LRV 51 




Charcoal Mono **2581**
LRV 9 

600mm x 600mm
23.6" x 23.6"




Light Grey Concrete **2567**
LRV 34 




Warm Grey Concrete **2568**
LRV 23 




Cold Grey Concrete **2566**
LRV 18 




Dark Grey Concrete **2569**
LRV 13 




Light Grey Ornamental **2586**
LRV 33 

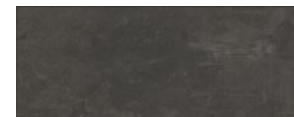



Dark Grey Ornamental **2587**
LRV 13 

304.8mm x 609.6mm
12" x 24"



Light Marble **2583**
LRV 50 



Black Slate **2582**
LRV 9 

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177.8mm x 1219.2mm
7" x 48"



Cold Cracked Concrete **2585**
LRV 37



Warm Cracked Concrete **2584**
LRV 34



Blue Textile **2589**
LRV 22



Taupe Textile **2588**
LRV 22



LRV - Light Reflectance Value

 Bevelled Edges

 Colour/Pattern Variation

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