

# Expona Simplay

## 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.



□ Natural Wild Oak 2571

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 <sup>2</sup>
Finish		PUR

PLANK SIZES	Size	Shades	Quantity per Box	Coverage per Box/Roll
Plank	177.8mm x 1219.2mm	12	10	2.17m <sup>2</sup>
	185mm x 1505mm	1	8	2.23m <sup>2</sup>
Tile	600mm x 600mm	2	6	2.16m <sup>2</sup>
	914.4mm x 914.4mm	2	4	3.34m <sup>2</sup>
	304.8mm x 609.6mm	1	10	1.86m <sup>2</sup>

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	Class Bfl-S1 <450 Pass Class 1 ≥ 8kW/m <sup>2</sup>

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

# Expona Simplay Shades

RANGE SHADES

18 Shades

## WOOD COLLECTION

Plank Size : 177.8 x 1219.2mm



**2501** LIGHT CHERRY



**2503** AMERICAN OAK



**2510** DARK GREY FINELINE





**2511** NATURAL ASH



**2512** GREY ASH



 This design features a bevelled edge

 All designs achieve R10, which is an ex-factory measure of slip resistance

WOOD COLLECTION

Plank Size : 177.8 x 1219.2mm



2513 WHITE RUSTIC PINE



2514 NATURAL RUSTIC PINE



2571 NATURAL WILD OAK



2572 HONEY WILD OAK



2573 BLACK ASH





Plank Size : 185 x 1505mm



2521 MEDIUM CLASSIC OAK



 This design features a bevelled edge

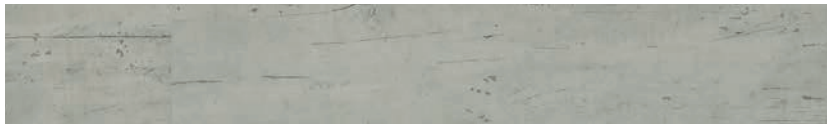
 All designs achieve R10, which is an ex-factory measure of slip resistance

STONE COLLECTION

Plank Size : 177.8 x 1219.2mm



2584 WARM CRACKED CONCRETE



2585 COLD CRACKED CONCRETE



Tile Size : 600 x 600mm



2567 LIGHT GREY CONCRETE




Tile Size : 600 x 600mm




2569 DARK GREY CONCRETE



 This design intentionally features a strong pattern and/or colour variation to accurately replicate natural timber

 This design features a bevelled edge

 All designs achieve R10, which is an ex-factory measure of slip resistance

STONE COLLECTION

Tile Size : 914.4 x 914.4mm



2579 LIGHT MONO



Tile Size : 914.4 x 914.4mm



2581 CHARCOAL MONO




Tile Size : 304.8 x 609.6mm



2583  
LIGHT MARBLE



 This design features a bevelled edge

 All designs achieve R10, which is an ex-factory measure of slip resistance