

Expona Control

PRODUCT SPECIFICATION

Key Features

- > Innovative LVT safety flooring in wood planks & stone tiles
- > Pendulum test - 36+ (slider 96)
- > Sustainable slip resistance
- > Patent protected design
- > For use in heavy commercial areas such as restaurants and supermarkets



Product Format	Standard	Result
Gauge	ISO 24346 (EN 428)	2.5mm
Wear Layer	ISO 24340 (EN 429)	0.70mm
Total Weight	ISO 23997 (EN 430)	4290g/m ²
Finish		PUR

Plank & Tile Sizes	Size	Shades	Quantity per Box	Coverage per Box/Roll
Plank	152.4mm x 914.4mm	7	24	3.34m ²
Tile	304.8mm x 609.6mm	2	18	3.34m ²
	457.2mm x 457.2mm	5	16	3.34m ²

Performance Requirements	Standard	Result
General Performance	ISO 10582 (EN 649)	Conforms
Use Area	ISO 10874 (EN 685)	23, 34, 43
Enhanced Slip Resistance	EN 13845 RRL Pendulum Test AS 4586 Appendix D Surface Roughness AS 4586 Appendix A	Esf ≥36 (wet test - 4S Rubber/Slider 96) R10 Rz >20µm P3 (Slider 96)
Binder Content	EN ISO 10582	Type I
Abrasion Resistance	EN 13845	50,000 cycles
Reaction to Fire	EN 13501-1 ASTM E648 CAN/ULC S102.2 AS ISO 9239-1	Class Bfl-S1 Class 1 FSV < 300; SDV < 500 >8.0 kW/m2
Static Electrical Propensity	EN 1815	≤2.0kV Classified as 'antistatic'
Residual Indentation	ISO 24343-1	≤0.05mm*
Dimensional Stability	ISO 23999 (EN 434)	≤0.10% max
Underfloor Heating		Suitable, max 27°C
Light Fastness	ISO 105-B02 (Method 3)	≥6
Castor Chair (continuous use)	ISO 4918 (EN 425)	Suitable

*Average test value from current production.

Sustainability

	Standard	Result
BRE Green Guide		A+ ENP 429
Generic EN 15804 EPD		Available
Recyclable		100%
Recycled Content		Up to 40%
REACH		Compliant
Indoor Air Comfort Gold		Eurofins certified product
FloorScore		Certified
Finnish M1 Classification		Certified
AgBB/ABG		Pass
Responsible Sourcing	BES 6001 SA 8000	Very Good Approved factory

Acoustic Performance

	Standard	Result
Impact Sound Reduction	ISO 10140-3	2dB

Maintenance Performance

	Standard	Result
Resistance to Chemicals	ISO 26987 (EN 423)	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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Expona Control

RANGE SHADES

152.4mm x 914.4mm

6" x 36"



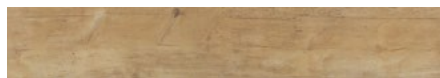
American Oak **6500**

LRV 31



White Oak **6505**

LRV 48



Blond Country Plank **6501**

LRV 28



Light Elm **6506**

LRV 23



Nut Tree **6502**

LRV 30



Weathered Country Plank **6504**

LRV 11

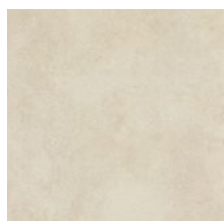


Classic Oak **6503**

LRV 23

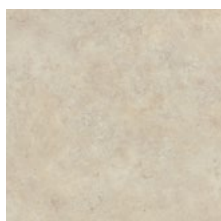
457.2mm x 457.2mm

18" x 18"



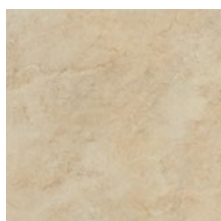
Portland Stone **7500**

LRV 51



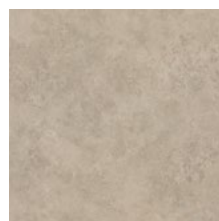
Classic Limestone **7501**

LRV 47



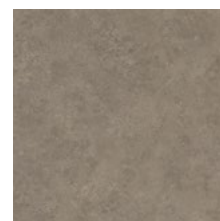
Classic Yorkstone **7502**

LRV 44



Smoked Limestone **7503**

LRV 37

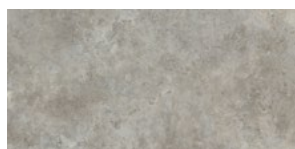


Warm Grey Concrete **7504**

LRV 21

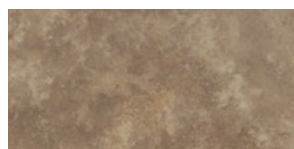
304.8mm x 609.6mm

12" x 24"



Roman Limestone **7506**

LRV 33



Cambrian Stone **7507**

LRV 24

LRV - Light Reflectance Value

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