

# 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 <sup>2</sup>
Finish		PUR

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

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 DIN 51130 / DIN EN 16165 Ann. B Surface Roughness ASTM D2047 AS 4586 Appendix A AS 4586 Appendix D	Esf ≥36 (wet test - 4S Rubber/Slider 96) R10 Rz >20µm SCOF ≥0.8 P3 (Slider 96) R10
Binder Content	EN ISO 10582	Type I
Abrasion Resistance	EN 13845	50,000 cycles
Reaction to Fire	EN 13501-1 ASTM E648 ASTM E662 CAN/ULC S102.2 AS ISO 9239-1	Class Bfl-S1 Class 1 <450 Pass FSV < 300; SDV < 500 >8.0 kW/m <sup>2</sup>
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%*
Flexibility	ASTM F137	1" - Pass
Underfloor Heating		Suitable, max 27°C

Light Fastness	ISO 105-B02 (Method 3)	≥6
Castor Chair (continuous use)	ISO 4918 (EN 425)	Suitable
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+ ENP 429
Product Specific EPD	EN 15804+A2	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) ASTM F925	Good resistance Good resistance

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



### Polyflor Ltd. Head Office

PO Box 3, Radcliffe New Road, Whitefield, Manchester, M45 7NR • Tel: +44 (0) 161 767 1111 • Email: [info@polyflor.com](mailto:info@polyflor.com) • [www.polyflor.com](http://www.polyflor.com)

© At the time of writing and publication of sheet, all the information is specified correctly. The company reserves the right to change the specifications of this product at any time without prior notice to third parties.

V2

# 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

### Polyflor Ltd. Head Office

PO Box 3, Radcliffe New Road, Whitefield, Manchester, M45 7NR • Tel: +44 (0) 161 767 1111 • Email: [info@polyflor.com](mailto:info@polyflor.com) • [www.polyflor.com](http://www.polyflor.com)

© At the time of writing and publication of sheet, all the information is specified correctly. The company reserves the right to change the specifications of this product at any time without prior notice to third parties.

V2