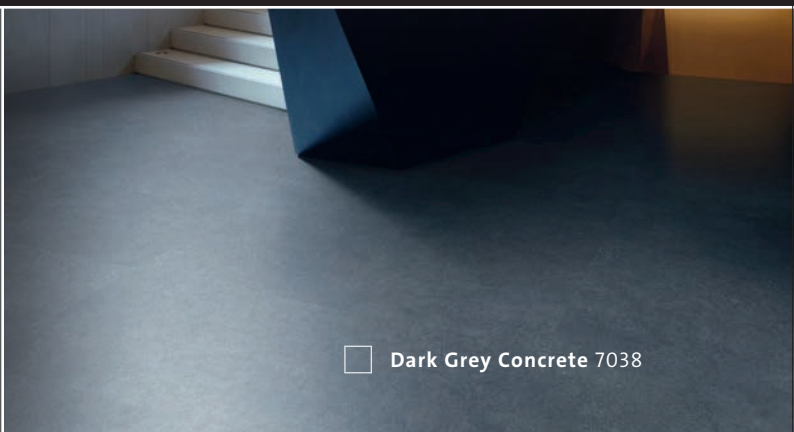


Expona Design

PRODUCT SPECIFICATION

KEY FEATURES

- Wood, stone & abstract designs.
- Multiple plank & tile sizes.
- Inlay accessories for bespoke designs.
- Low VOC emissions.
- Heavy commercial & residential.



PRODUCT FORMAT	Standard	Result
Gauge	ISO 24346 (EN 428)	3.0mm
Wear Layer	ISO 24340 (EN 429)	0.70mm
Total Weight	ISO 23997 (EN 430)	5100g/m ²
Finish		PUR

TILE SIZES	Size	Shades	Quantity per Box	Coverage per Box/Roll
Tile	609.6mm x 609.6mm	4	9	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	Class DS R10 R10
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 ²
Static Electrical Propensity	EN 1815	≤2.0kV Classified as 'antistatic'
Residual Indentation	ISO 24343-1 (EN 433) ASTM F970 ASTM F1914	≤0.05mm* ≤0.005" @ 750psi ≤0.005"

Static Electrical Propensity	EN 1815	≤2.0kV Classified as 'antistatic'
Residual Indentation	ISO 24343-1 (EN 433) ASTM F970 ASTM F1914	<0.05mm* ≤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+ ENP 429
GreenTag	GreenRate™	Level A
Specific EPD	EN 15804	Available
Recyclable		100%*
Recycled Content	EN 17861	18%
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

*Polyflor is a founding member of resilient flooring recycling schemes Recofloor and Resiloop. Recofloor accepts LVT. The newly formed Resiloop in Australia is currently only accepting LVT offcuts. See <https://www.polyflor.com.au/resiloop> for further information including collection locations. Polyflor is committed to supporting efforts to increase the proportion of vinyl flooring waste which is recycled locally & internationally.

ACOUSTIC PERFORMANCE	Standard	Result
Impact Sound Reduction	ISO 10140-3	3dB
Sound Transmission Coefficient	ASTM E90/492	STC 55
Impact Insulation Class	ASTM E90/492	IIC 36

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.



Expona Design Shades

RANGE SHADES

4 Shades

Tile Size : 609.6 x 609.6mm

Tile Size : 609.6 x 609.6mm



7033 WARM GREY CONCRETE



7036 LIGHT GREY CONCRETE



7037 COOL GREY CONCRETE



7038 DARK GREY CONCRETE

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