Technical data

EXPONA PUZZLE

Loose lay luxury vinyl flooring with interlocking system

EXPONA PUZZLE is a loose lay heterogeneous PVC flooring with interlocking system wich is produced using phthalate-free and bio-based plasticisers, designed for use in very heavy commercial areas.

Characteristics	Standards	Unit	EXPONA PUZZLE
Type of floor covering	EN ISO 10582		heterogeneous, PVC
Surface treatment			PUR
Colours			10
Total weight	EN ISO 23997	g/m²	8000
Performance classification	EN ISO 10874		23 34 43 **
Gauge	EN ISO 24346	mm	5,0
Wear layer thickness	EN ISO 24340	mm	0,7
Packaging tile size	EN ISO 24342	mm	6 @ 580,0 x 580,0 = 2,02 m²
Dimensional stability	EN ISO 23999	%	≤ 0,1
Residual indentation	EN ISO 24343-1	mm	≤ 0,05 ***
Colour fastness to artificial light	EN ISO 105-B02	level	≥ 6
Behaviour to fire	EN 13501-1		B_{fl} - s1
Slip resistance	DIN 51130 EN 13893		R10 DS
Impact sound reduction	EN ISO 10140-3	dB	7
Thermal conductivity	EN 12524	W m/K.	0,25
Assessment of static electrical propensity	EN 1815	kV	≤ 2, antistatic
Static load 250 psi (17,2 bar)	ASTM F970	Inch	0,001 (0,025 mm) meets requirements
Rolling loads 500 cycles, 100 lbs (45,4 kg)	ASTM F2753	Inch	0,005 (0,127 mm) **
Chemical resistance	EN ISO 26987		*
Abrasion group	EN ISO 10582		binder content type I
Castor chair suitability	ISO 4918		yes, type W, EN 12529
Underfloor heating suitability	EN 1264-2		suitable, max. 27 °C
VOC emissions	Indoor Air Comfort GOLD Floorscore		Eurofins certified product certified
CE	EN 14041		B_{fl}-s1 DS NA HCHO DL PCP

PUR lifelong polish free

ENVIRONMENTALLY PREFERABLE FLOORING

100 % RECYCLABLE

INDOOR AIR COMFORT eurofins GOLD CERTIFIED PRODUCT

contains BIO-BASED PLASTICISERS

100 % Phthalate Free

floor score

RE:USE

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Resistant depending on concentration and time of exposure, in case of increased impact of oils, grease, acids, alkalis and other aggressive chemicals – please contact us.

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Suitable for light and medium rolling loads

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Averaged test value from current production

Subject to change due to further technical development.

Polyflor Nordic/ Polyflor Nordic Sweden AB
Kjelsåsveien 168B 0884 Oslo · Telefon +47 23 00 84 00 · firmapost@polyflor.no · www.polyflor.no
Energigatan 9 SE-434 37 Kungsbacka · Telefon +46 300 15820 · order@polyflor.se · www.polyflor.se