

EXPONA DESIGN

EXPONA DESIGN flooring is a heterogeneous PVC floorcovering which is produced using phthalate-free and bio-based plasticisers, designed for use in areas with very heavy commercial areas.

Characteristics	Standards	Unit	EXPONA DESIGN
Type of floorcovering	EN ISO 10582		heterogeneous, PVC
Surface treatment			PUR
Colours			80
Total weight	EN ISO 23997	g/m ²	5100
Performance classification	EN ISO 10874		23 34 43 **
Gauge	EN ISO 24346	mm	3,0
Wear layer thickness	EN ISO 24340	mm	0,7
Packaging tile size	EN ISO 24342	mm	9 @ 609,6 x 609,6 = 3,34 m ² 18 @ 304,8 x 609,6 = 3,34 m ² 16 @ 457,2 x 457,2 = 3,34 m ² 12 @ 304,8 x 914,4 = 3,34 m ² 8 @ 457,2 x 914,4 = 3,34 m ²
Packaging plank size	EN ISO 24342	mm	24 @ 152,4 x 914,4 = 3,34 m ² 18 @ 152,4 x 1219,2 = 3,34 m ² 15 @ 184,2 x 1219,2 = 3,37 m ² 14 @ 203,2 x 1219,2 = 3,46 m ² 12 @ 304,8 x 914,4 = 3,34 m ²
Packaging Size Mixed Recycled Wood	EN ISO 24342	mm	12 @ 76,2 x 914,4 } = 3,62 m ² 12 @ 101,6 x 914,4 } 12 @ 152,4 x 914,4 }
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	3
Resistance to thermal conductivity	EN 12667 ISO 8302	m ² k/w	0,02
Assessment of static electrical propensity	EN 1815	kV	< 2
Electrical resistance to earth	EN 1081	Ohm	ca. 10 ¹¹
Chemical resistance	EN ISO 26987		*
Abrasion group	EN ISO 10582		type I
Castor chair suitability	ISO 4918		yes, type W, EN 12529
Underfloor heating suitability	EN 1264-2		suitable, max. 27°C
AgBB VOC test			below quantifiable levels
Environmental product declaration	EN 15804 fDES EPD		DGNB Navigator / www.dgnb-navigator.de SFEC / www.solspvcpro.com
CE	EN 14041		



* 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.

** Heavy rolling loads to be avoided

*** Averaged test value from current production

Subject to change due to further technical development.