

EXPONA SIMPLAY

Loose lay design floor covering

EXPONA SIMPLAY design flooring is a loose lay heterogeneous PVC floor covering which is produced using phthalate-free and bio-based plasticisers, designed for use in very heavy commercial areas.

Characteristics	Standards	Unit	EXPONA SIMPLAY – Loose lay design floor covering
Type of floor covering	EN ISO 10582		heterogeneous, PVC
Surface treatment			PUR
Colours			40
Total weight	EN ISO 23997	g/m ²	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 plank size	EN ISO 24342	mm	10 @ 177,8 x 1219,2 = 2,17 m ² 8 @ 185,0 x 1505,0 = 2,23 m ²
Packaging tile size	EN ISO 24342	mm	10 @ 304,8 x 609,6 = 1,86 m ² 12 @ 457,2 x 457,2 = 2,5 m ² 6 @ 457,2 x 914,4 = 2,51 m ² 6 @ 600,0 x 600,0 = 2,16 m ² 4 @ 600,0 x 1200,0 = 2,88 m ² 4 @ 914,4 x 914,4 = 3,34 m ²
Dimensional stability	EN ISO 23999	%	≤ 0,1 max.
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	EN 13893 DIN 51130 / DIN EN 16165 Ann B		Class DS R10
Impact sound reduction	EN ISO 10140-3	dB	9
Thermal conductivity	EN 12524	W/(m·K)	0,25
Assessment of static electrical propensity	EN 1815	kV	≤ 2, antistatic
Electrical resistance to earth	EN 1081	ohm	ca. 10 ¹¹
Chemical resistance	EN ISO 26987		*
Binder content	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
VOC emissions	Indoor Air Comfort GOLD Floorscore AgBB VOC test		Eurofins certified product certified below quantifiable levels
Environmental product declaration	EN 15804 fDES EPD		DGNB Navigator / www.dgnb-navigator.de Kaléi / www.kalei-services.org
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.