VISCOH®

DEINE WELT EIN STÜCK LEISER

Technical datasheet VISCOH AIR

Material: Physically cross-linked, closed-cell polyolefin

Area of application: High-quality, universally applicable quality sound insulation for all floating parquet and laminate floors.

Quality: Optimized for maximum walking and impact sound insulation, excellent compressive strength, dynamic loadability and extreme longevity. Very good shape-adaptability for punctual compensation of unevenness in the floor.

Ecology: Neither the material no contains dissolver and another ozone-depleting substances. The renewable raw materials which are used for this product are not in competition with food farming. This product is produced without flexibilizer, asbestos, formaldehyde, halogen as well as heavy metal and comply the VOC-rules of action afsset A+, as well as AGBB-schema. Contains no CFCs, can be disposed of with normal household waste, recyclable, non-polluting to water, not harmful toxicologically, waste key acc. to German Ordinance on Waste Management (AVV): 170604.

product number	thickness	length	width	packaging			GTIN (EAN)
	mm	m	cm	roll	carton content	pallet content	
10100	2 (± 10%)	12,5	100	12,5 m^2	6 Rollen = 75 m^2	8 Karton = 600 m^2	4260404430018

	Requirement	Property	Description	Minimum requirements (EPLF)	Higher equirements (EPLF)	VISCOH AIR
Acoustics	Reflected walking sound emission	RWS [1]	Noise emissions generated inside the room itself when walking on the flooring	Value in development	Value in development	30% [2]
	Impact sound reduction Norm: EN ISO 10140-3 / ISO 717-2	IS_{Lam} [1]	Noise reduction inside eighboring rooms when walking on the flooring	≥ 14 dB	≥ 18 dB	20 dB
Use	Dynamic load Norm: EN 13793 [1] maximal Dickenverlust Δ d ≤ 0,5 mm	DL_{25}	Mechanical protection; sustained retention of essential properties	≥ 10'000 cycles	≥ 100'000 cycles	≥ 1 Mio cycles
	Static load Norm: EN 1606 [1]	CC	Sustained retention of essential properties (10 years)	≥ 2 kPa	≥ 20 kPa	≥ 40 kPa
	Sustained static load Norm: EN 826 [1]	CS	Protection of locking system and against cracking	≥ 10 kPa	≥ 60 kPa	140 kPa
	Impact resistance Norm: IN 13329 Anhang F und EN 438 Kapitel 21	RLB	Protection of surface	≥ 500 mm	≥ 1200 mm	1050 mm
Substrate/ Structure	Thermal resistance Norm: DIN EN ISO 12572	$R\lambda, B$ [1]	Less time required for heating up; energy savings	H: ≤ 0.15 m^2K/W	H: ≤ 0.15 m^2K/W	0,053 m^2K/W
		$R\lambda$ [1]	Higher floor temperature and comfort underfoot	H: ≤ 0.075 m^2K/W	H: ≤ 0.075 m^2K/W	0,053 m^2K/W
	Uneven areas Norm: EN TS 16354	PC	Mechanical protection; prevention of sound bridges	≥ 0.5mm	≥ 0.5mm	≥ 1.4mm
	Moisture	SD	Prevention of moisture damage	≥ 75 m	≥ 75 m	-
Fire behavior EN ISO 11925-2						E_{fl}
approved by the building authorities						Z-158.10-173

1) The entire flooring system is tested
2) acc. to EPLF project 021029-5 F1