

Purpose

Akustic mats in rolls for the loose installation under laminate-, parquet- and vinyl-floorings.

Product composition

Permanently elastic underlay material made of mineral fillers and polyurethane binder.

Akustik Protect 100 and 300: additionally, one-sided foil, one-sided aluminium laminated foil (as a vapour barrier).

Environmental

This product is environmentally, physiologically and toxicologically safe. It is free of plasticizers, formaldehyde, cadmium, halogens and other heavy metals. Acoustic-Protect is manufactured CFC-free, is free of solvents and contains no ozone-depleting substances.



Product quality

			Akustik-Protect 100	Akustik-Protect 200	Akustik-Protect 300
		Test standard	Rating		
	Length	DIN EN 822	7.500 mm (± 15 mm)	7.000 mm (± 15 mm)	5.000 mm (± 15 mm)
	Width	DIN EN 822	1.000 mm (± 1 mm)		
	Thickness	DIN EN 823	1,8 mm (± 0,15 mm)	2,0 mm (± 0,15 mm)	2,8 mm (± 0,15 mm)
	Weight		1,5 kg/m ² (± 0,15 kg/m ²)	2,0 kg (± 0,15 kg)	2,8 kg/m ² (± 0,15 kg/m ²)
	Reaction to fire	DIN EN ISO 11925-2 classification acc. EN 13501-1	Bfl (without flooring)	Efl (without flooring)	Bfl (without flooring)
	Thermal resistance (suitable for water floor heating)	DIN EN 12664	0,01 m ² K/W		
	Thermal conductivity		0,18 W/(m * K)		
	Sound absorption	acc. former EPLF Norm WD 021029-5	24 % (± 2%)	29 % (± 2%)	30 % (± 2%)
	Impact sound reduction	DIN EN ISO 717-2	18 dB (± 2dB)	18 dB (± 2dB)	19 dB (± 2dB)
	Compressive strength	DIN EN 826 (250 Pa; 0,5 mm)	up to 24 t/m ²	up to 15 t/m ²	up to 12 t/m ²
	Compressive creep	DIN EN 1606	~ 46 kPa	~ 50 kPa	~ 41 kPa
	Water vapour diffusion resistance	DIN EN 12086	S _D > 75m	-	S _D > 75m
	Disposal		Private waste disposal with normal household waste (items are recyclable (EAK-Nr: 170604)).		

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