

### 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.

### 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		1,4 kg/m <sup>2</sup> (± 0,15 kg/m <sup>2</sup> )	2,0 kg (± 0,15 kg)	2,8 kg/m <sup>2</sup> (± 0,15 kg/m <sup>2</sup> )
	Reaction to fire	EN 13501-1	Bfl (without flooring)	Efl (without flooring)	
	Thermal conductivity (suitable for water floor heating)	EN 12664	0,01 m <sup>2</sup> K/W		
	Noise reduction	EPLF Norm WD 021029-5	21 % (± 2%)	29 % (± 2%)	29 % (± 2%)
	Accoustical impact noise reduction	ISO 717-2	18 db (± 2db)	18 db (± 2db)	19 db (± 2db)
	Pressure stability	lean on DIN EN 826 (250 Pa; 0,5 mm)	up to 30 t/m <sup>2</sup>	up to 15 t/m <sup>2</sup>	up to 12 t/m <sup>2</sup>
	Vapour barrier	DIN EN 12086	S <sub>D</sub> > 75m	-	S <sub>D</sub> > 75m
	Disposal		Privat waste disposal with normal haushold waste, is recycable (EAK-Nr: 170604)		

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Our technical data sheets are constantly updated and adapted to the latest technology. This version replaces all earlier versions and is valid from:			01.02.2016