

Purpose

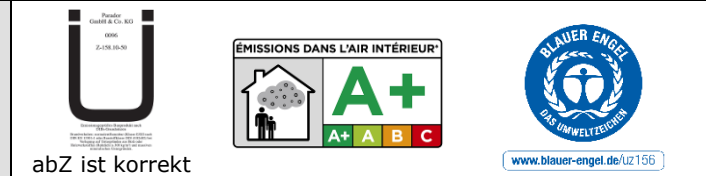
Pressure-resistant, room and impact sound insulating high-tech acoustic mat made from up to 90% naturally occurring raw materials. As practical rolls for floating installation under laminate, parquet and design flooring.

Product composition

Permanently elastic underlay made from mineral fillers and polyurethane binders. Akustik-Protect Rigid consists of a transparent PET film, an ageing-resistant polyurethane backing layer and a high-quality HDPE film lamination (transparent).

Environmental

"Akustik-Protect Rigid" is free from plasticisers, asbestos, formaldehyde, halogens and heavy metals. It contains neither solvents nor other substances that damage the ozone layer. The renewable raw materials used for the product do not compete with food cultivation.



Product quality according EN 16354

			Test standard	Rating
	l	Length	DIN EN 16354	10.000 mm (± 15 mm)
	w	Width	DIN EN 16354	1.000 mm (± 1 mm)
	d	Thickness	DIN EN 16354	1,0 mm (± 0,15 mm)
	AW	Weight		1,2 kg/m² (± 0,15 kg/m²)
	RTF	Reaction to fire	DIN EN 13501-1	E _{fl} (without flooring)
	R	Thermal resistance (suitable for water floor heating)	DIN EN 16354	0,007 m²K/W
	RWS	Reflected walking sound	DIN EN 16205	up to 12 % (± 2%)*
	IS	Impact sound	DIN EN 16251-1	up to 18 dB (± 2dB)*
	CS	Compressive strength	based on DIN EN 826 (250 Pa; 0,5 mm)	750 kPa (> 75 t/m²)
	CC	Compressive creep	DIN EN 16354	> 105 kPa
	PC	Compensation for punctual unevenness	DIN EN 16354	~ 0,20 mm
	DL	Resistance to dynamic loads	DIN EN 16354	> 3.000.000 cycles
	S _D	Water vapour diffusion resistance	DIN EN 12086	-
Entsorgung				Private waste disposal with normal household waste (items are recycable (EAK-Nr: 17 06 04)).

* * Measurement under SPC 5mm

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Unsere TDS werden laufend aktualisiert und dem Stand der Technik angepasst. Diese Version ersetzt alle früheren Ausgaben und ist gültig ab:			01.01.2024