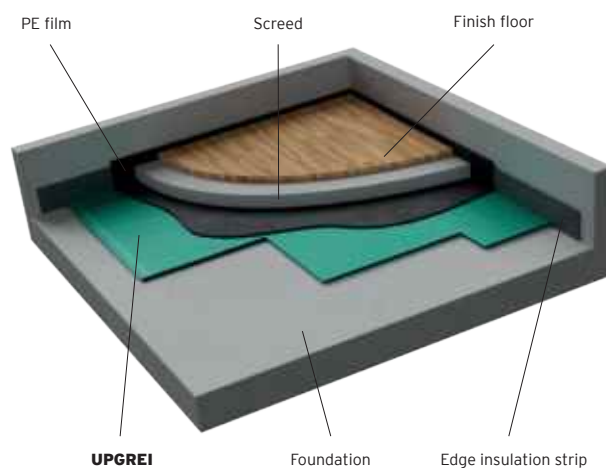


UPGREI

DATASHEET

Product properties

Material	EPDM granulated on polyester fibrous layer
Colour	Green/grey
Range of use	Impact sound insulation underneath screed <ul style="list-style-type: none">• Traditional or lightweight screeds for domestic buildings• Hotels• Refurbishments• Function rooms• Timber construction



Impact sound reduction 26 dB

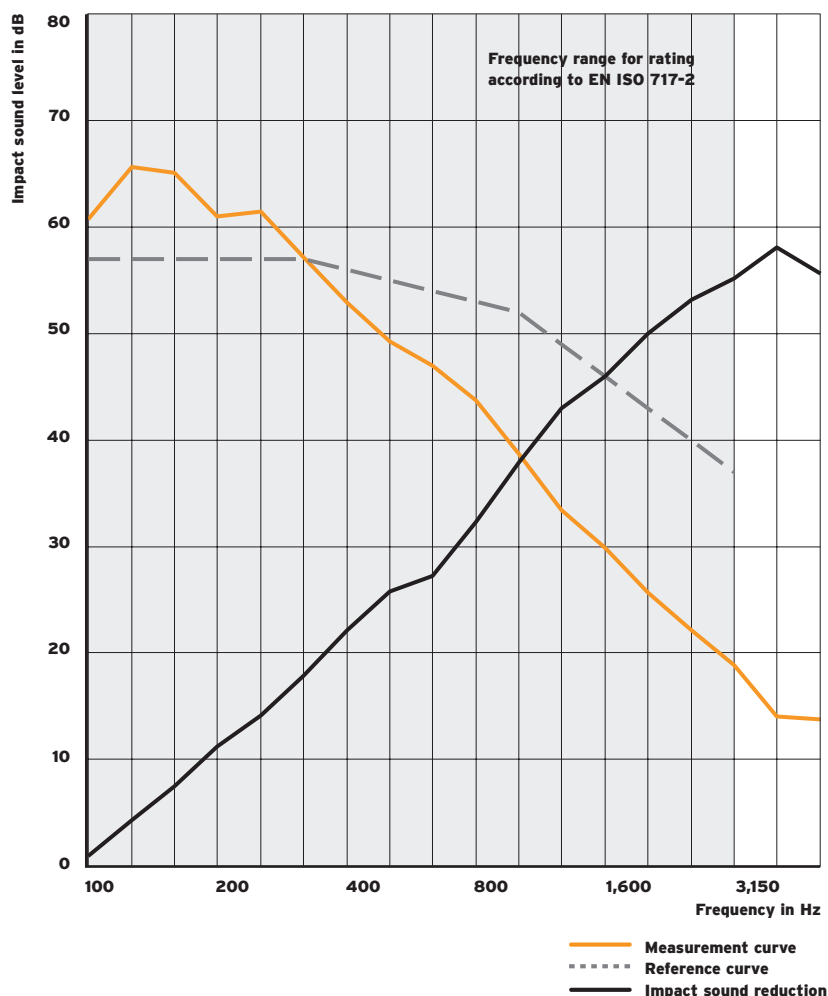
according to EN ISO 717-2

Material properties		Test methods	Explanatory notes
Thickness	10 mm	EN ISO 29770	
Dynamic stiffness s_t'	$\leq 6 \text{ MN/m}^3$	EN 29052-1	
Impact sound reduction ΔL_w	26 dB	EN ISO 10140-3	Rating as per EN ISO 717-2
Compressibility c ($d_L - d_0$)	$\leq 2,2 \text{ mm}$	EN ISO 29770	
Flammability	Class E	EN ISO 11925-2	Classification as per EN13501-1
Thermal conductivity	0.04 W/mK	EN 12667	
Temperature range	-30 °C to 70 °C		Higher temperatures possible for short periods
Load range	1.500 kg/m ²		
European Technical Assessment	ETA-18/0554		

Product advantages and benefits

- 80 % recycled content
- Printed fleece for easy measuring and cutting
- Long side with self-adhesive overlap

Impact sound insulation according to EN ISO 10140-3



f in Hz	L_n in dB	ΔL in dB
100	60.7	0.9
125	65.6	4.3
160	65.1	7.5
200	61.0	11.2
250	61.5	14.1
315	57.2	17.9
400	52.9	22.1
500	49.3	25.8
630	47.0	27.2
800	43.7	32.3
1,000	38.7	37.9
1,250	33.4	43.0
1,600	29.9	46.0
2,000	25.7	50.0
2,500	22.1	53.2
3,150	18.9	55.2
4,000	14.0	58.1
5,000	13.8	55.6

Test assembly

50 mm cement screed (100 kg/m²)
 10 mm UPGREI (s_t' 6 MN/m³)
 150 mm reinforced concrete floor (375 kg/m²)

Standard delivery dimensions, ex warehouse

Thickness	10 mm
Rolls	5,000×1,040 mm with 40 mm overlap
Pallet	21 items (105 m ²)

European Technical Assessment

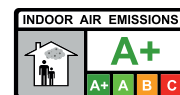
A European Technical Assessment (ETA) is based on independent technical tests, which assess the fundamental performance characteristics of a construction product in accordance with (EU) Regulation No. 305/2011 Construction Products Regulation. It is therefore reliable evidence of the product's fitness for purpose.

All information and data are based on our current knowledge. It can be used in calculations and for reference purposes, but is subject to typical manufacturing tolerances and does not represent warranted properties. Subject to change without notice.

Further information



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