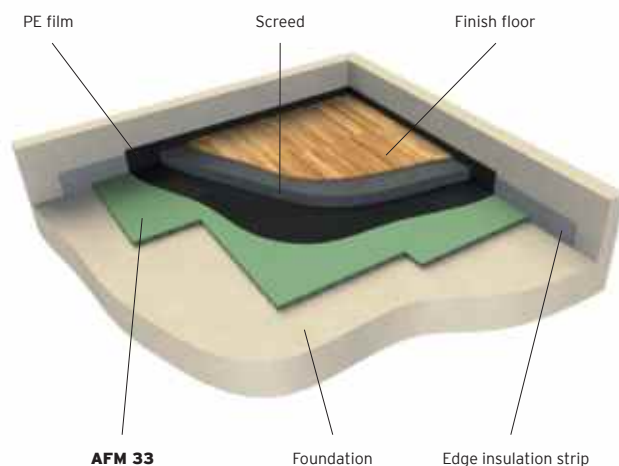


ACOUSTIC FLOOR MAT 33

DATASHEET

Product properties

Material	100 % polyurethane foam
Colour	Olive green
Range of use	Impact sound insulation underneath screed <ul style="list-style-type: none"> • Supermarkets • Hotels • Fitness studios • Hospitals and old people's homes • Production halls and warehouses • Timber construction



Impact sound reduction 33 dB

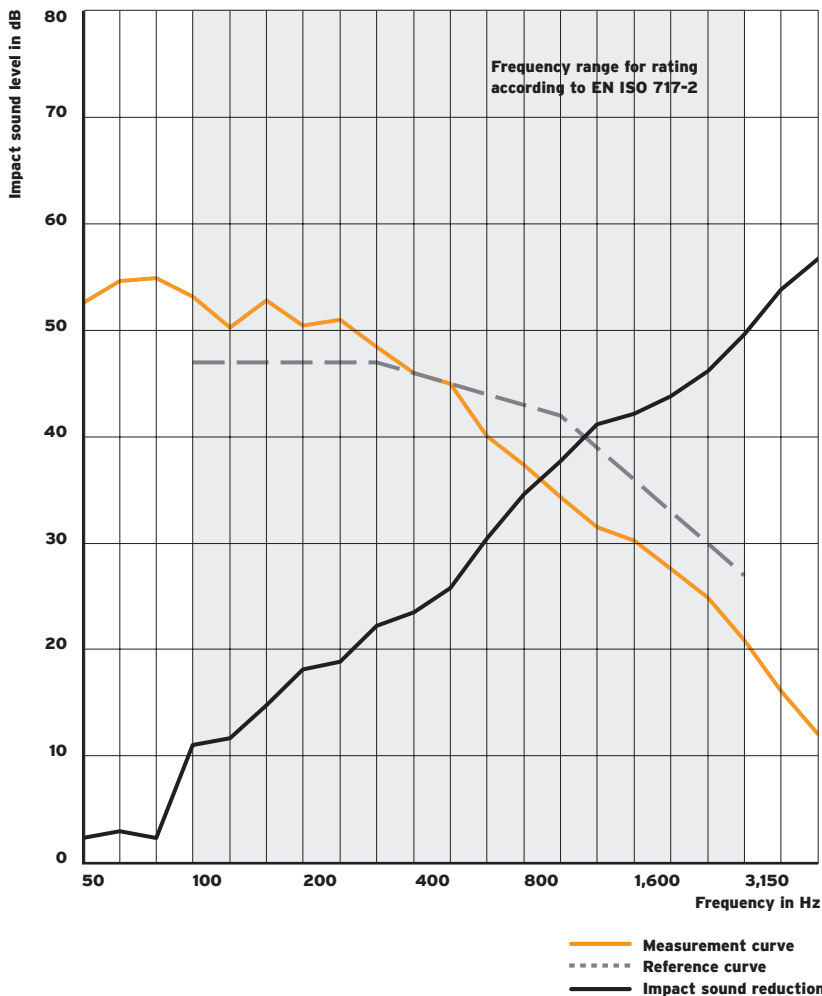
according to EN ISO 717-2

Material properties		Test methods	Explanatory notes
Thickness	16 mm	EN ISO 29770	
Dynamic stiffness s'_d	$\leq 9 \text{ MN/m}^3$	EN 29052-1	
Impact sound reduction ΔL_w	33 dB	EN ISO 10140-3	Rating as per EN ISO 717-2
Compressibility c ($d_c - d_b$)	$\leq 1,0 \text{ mm}$	EN ISO 29770	
Flammability	Class E	EN ISO 11925-2	Classification as per EN13501-1
Thermal conductivity	0.05 W/mK	EN 12667	
Temperature range	-30 °C to 70 °C		Higher temperatures possible for short periods
Load range	2,500 kg/m ²		
European Technical Assessment	ETA-17/0243		

Product advantages and benefits

- Uniformly effective over the entire load range
- Low installation height - particularly suitable for refurbishments
- Quick installation - does not need to be bonded to the foundation
- Simple handling
- Outstanding durability over decades

Impact sound insulation according to EN ISO 10140-3



f in Hz	L _n in dB	ΔL in dB
50	52.5	2.3
63	54.6	2.9
80	54.9	2.3
100	53.2	11.0
125	50.3	11.7
160	52.8	14.8
200	50.4	18.1
250	51.0	18.9
315	48.4	22.2
400	46.0	23.5
500	45.0	25.8
630	40.1	30.4
800	37.3	34.6
1,000	34.3	37.7
1,250	31.5	41.2
1,600	30.2	42.2
2,000	27.6	43.8
2,500	24.9	46.2
3,150	20.9	49.6
4,000	16.1	53.8
5,000	12.0	56.7

Experimental set-up

- 80 mm cement screed (179 kg/m²)
- 16 mm AFM 33 (s_t: 9 MN/m³)
- 160 mm reinforced concrete floor (400 kg/m²)

Standard delivery dimensions, ex warehouse

Thickness	16/9 mm corrugated profile
Mats	1,500×750 mm
Pallet	70 items (78.75 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



getzner.com/floating-floors

