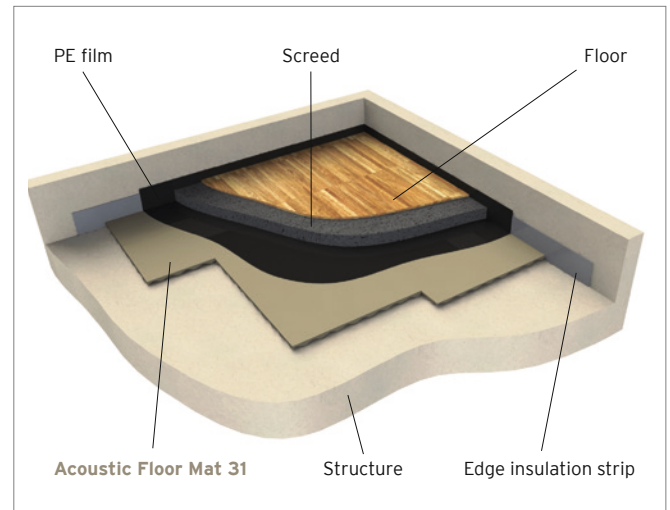


Acoustic Floor Mat 31

Product Data Sheet

- Application area** Impact noise insulation underneath screed flooring
- Supermarkets
 - Hotels
 - Fitness studios
 - Hospitals and old people's homes
 - Production halls and warehouses
- Material** 100 % polyurethane
- Colour** Brown

Improvement of impact noise 31 dB
according to ISO 717-2

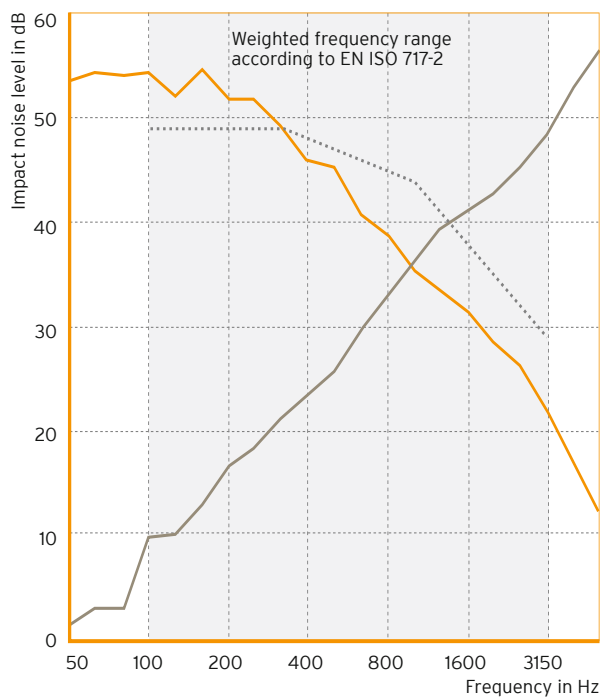


Advantages and benefits

- Highly effective over the entire load range
- Low installed height – particularly suitable for refurbishments
- Quick installation – does not need to be bonded to the foundation
- Easy handling
- Outstanding performance over lifetime of the building

Product properties		Test methods	Comment
Load range	5,000 kg/m ²		
Thickness	16 mm		
Dyn. rigidity s'	≤ 17 MN/m ³	EN 29052-1	
Compressibility c (d _L - d _B)	≤ 2 mm	EN 12431	
Flammability	class E	EN ISO 11925-2	normal flammable, EN 13501-1
Thermal conductivity	0.06 W/mK	EN 12667	
Temperature range	-30 °C to 70 °C		higher temperatures possible for short periods
Weighted impact noise improvement ΔL _{n,w}	31 dB	EN ISO 10140-3	EN ISO 717-2
National technical approval no:	Z-23.21-1940		

Impact noise improvement level according to EN ISO 10140-3



f in Hz	L_n in dB	ΔL in dB
50	53.6	1.2
63	54.5	3.0
80	54.2	3.0
100	54.3	9.9
125	52.0	10.0
160	54.6	13.0
200	51.9	16.6
250	51.7	18.2
315	49.4	21.2
400	46.0	23.5
500	45.2	25.6
630	40.8	29.7
800	38.9	33.0
1,000	35.5	36.5
1,250	33.3	39.4
1,600	31.5	40.9
2,000	28.6	42.8
2,500	26.2	45.2
3,150	22.0	48.5
4,000	16.9	53.0
5,000	12.0	56.7

— Measurement curve
 - - - Reference curve
 — Improvement of impact noise

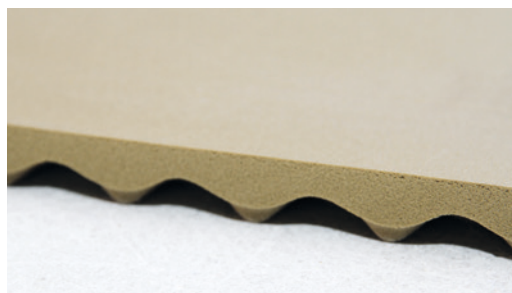
Test assembly:
 80 mm cement screed
 (179 kg/m²)
 16 mm AFM 31
 (s' 17 MN/m³)
 160 mm reinforced
 concrete ceiling (400 kg/m²)

Standard delivery dimensions, ex warehouse

Thickness: 16/9 mm corrugated profile
 Panels: 1500 × 750 mm
 Pallet: 90 items (101.25 m²)

Installation instructions and tender specifications

Additional information can be found on our website at www.getzner.com or in the installation instructions enclosed with the delivery.



National technical approval

A national technical approval (AbZ) is reliable evidence of the fitness for purpose of a construction product with regard to the construction requirements issued exclusively by the Deutsches Institut für Bautechnik (DIBt).

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

