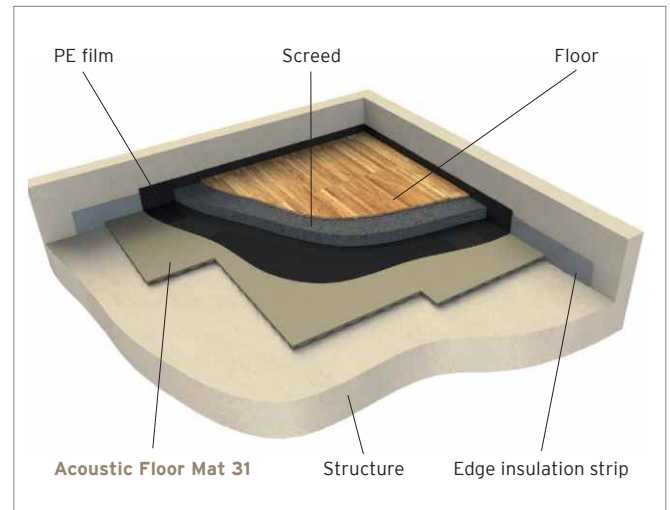


Acoustic Floor Mat 31 Product Data Sheet

- 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



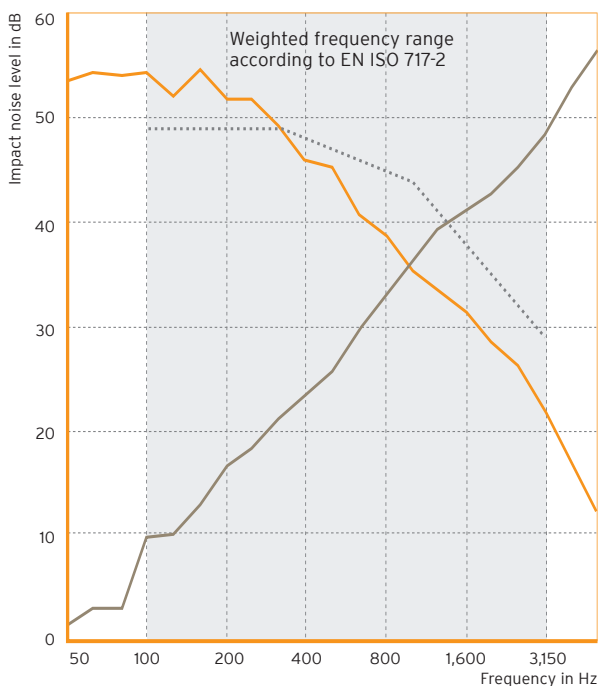
Improvement of impact noise 31 dB
according to ISO 717-2

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. stiffness 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
European technical assessment no:	ETA-17/0243		

Impact noise improvement level according to EN ISO 10140-3



f in Hz	Ln 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



European Technical Assessment

An European Technical Assessment (ETA) is based on independent, technical tests. The performance is evaluated and the essential characteristics are merged acc. to Construction Products Regulation (EU) No. 305/201 and is a reliable evidence of the fitness for purpose of a construction product.

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.

