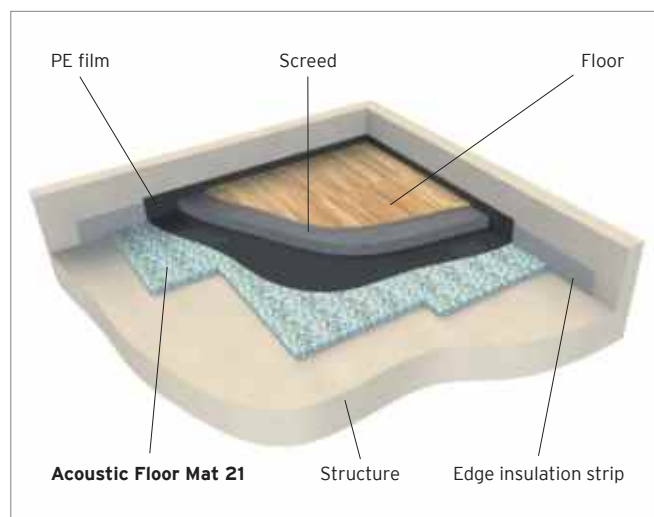


# Acoustic Floor Mat 21 Product Data Sheet

- Application area** Impact noise insulation underneath screed flooring
- Hotels
  - Fitness studios
  - Hospitals and old people's homes
  - Dry floors and renovations
- Material** 100 % polyurethane
- Colour** Multicolored



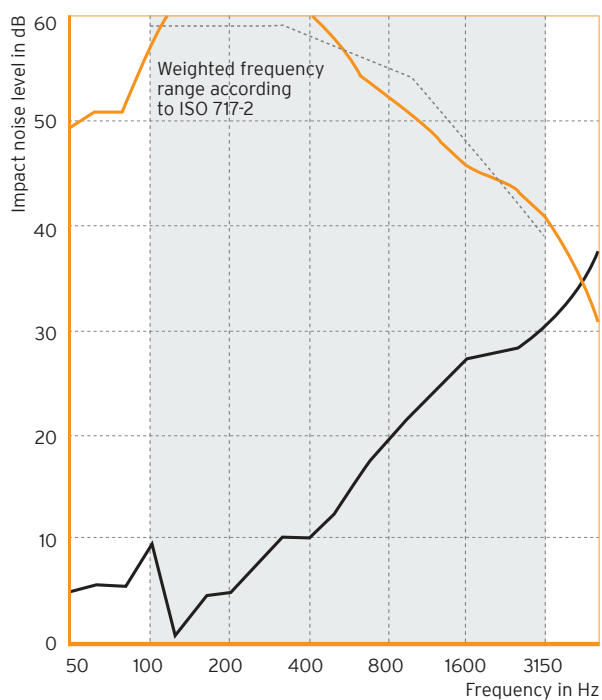
**Improvement of impact noise 21 dB**  
according to ISO 717-2

### Advantages and benefits

- 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	2,500 kg/m <sup>2</sup>		
Thickness	8 mm		
Dyn. rigidity s'	≤ 40 MN/m <sup>3</sup>	EN 29052-1	
Compressibility c (d <sub>L</sub> - d <sub>B</sub> )	≤ 1mm	EN 12431	
Flammability	class E	EN ISO 11925-2	normal flammable, EN 13501-1
Thermal conductivity	0.06 W/mK	according to EN 12667	
Temperature range	-30 °C to 70 °C		higher temperatures possible for short periods
Weighted impact noise improvement ΔL <sub>n,w</sub>	21 dB	EN ISO 10140-3	EN ISO 717-2

## Impact noise improvement level according to EN ISO 10140-3



f in Hz	$L_n$ in dB	$\Delta L$ in dB
50	49.6	4.9
63	50.8	5.6
80	50.7	5.5
100	57.2	9.6
125	61.2	0.8
160	62.2	4.6
200	64.6	4.9
250	63.3	7.6
315	60.2	10.2
400	60.4	10.0
500	58.1	12.5
630	54.4	16.7
800	52.3	19.9
1,000	50.5	22.2
1,250	48.0	24.8
1,600	45.5	27.3
2,000	44.6	27.8
2,500	43.2	28.2
3,150	40.7	30.4
4,000	36.6	33.2
5,000	30.9	37.3

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

**Test assembly:**  
 80 mm cement screed  
 (179 kg/m<sup>2</sup>)  
 8 mm AFM 21  
 (s' 40 MN/m<sup>2</sup>)  
 160 mm reinforced concrete  
 ceiling (400 kg/m<sup>2</sup>)

### Standard delivery dimensions, ex warehouse

Thickness: 8 mm  
 Panels: 1000 × 500 mm  
 Pallet: 375 items (187,5 m<sup>2</sup>)

### Installation instructions and tender specifications

Additional information can be found on our website at  
[www.getzner.com](http://www.getzner.com)



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.



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