Acoustic Floor Mat 26
Product Data Sheet
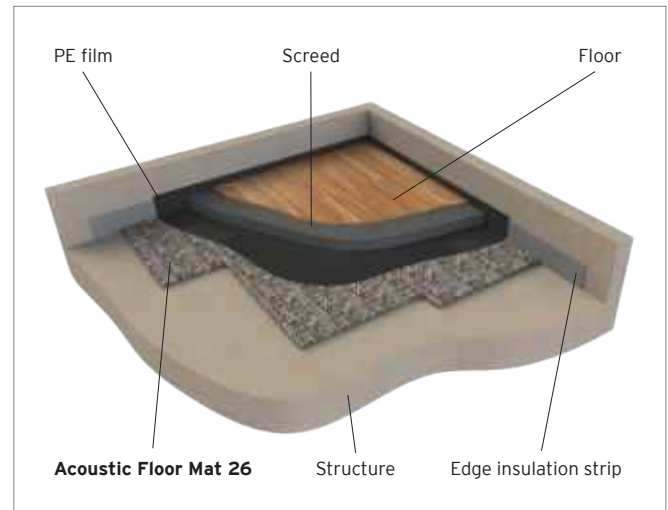
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Application area Impact noise isolation
underneath screed flooring
– Hotels
– Refurbishments
– Assembly rooms
– Supermarkets
Material Polyurethane and cork
Colour Multi coloured

Improvement of impact noise 26 dB
according to ISO 717-2

PE film   Screed   Floor

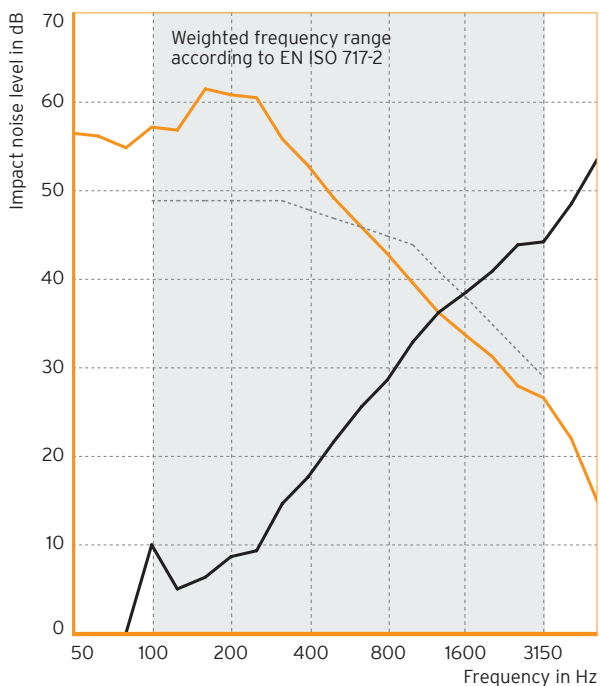**Acoustic Floor Mat 26**   Structure   Edge insulation strip

Advantages and beneftis
– Low installation height – particularly
  suitable for refurbishments
– Insensitive against high loads
– Quick installation – does not need to
  be bonded to the foundation
– Easy handling

Product properties		Test methods	Comment
Load range	5000 kg/m²		
Thickness	10 mm		
Dyn. rigidity s'	≤ 20 MN/m³	EN 29052-1	
Compressibility c (d_L– d_B)	≤ 1 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 $\Delta L_{n,w}$	26 dB	EN ISO 10140-3	EN ISO 717-2

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Impact noise improvement level according to EN ISO 10140-3

Weighted frequency range according to EN ISO 717-2

Impact noise level in dB

Frequency in Hz

f in Hz	L_n in dB	ΔL in dB
50	56.4	-2.1
63	56.1	-1.2
80	54.8	0.0
100	57.1	10.1
125	56.9	5.1
160	61.6	6.4
200	60.8	8.8
250	60.6	9.4
315	55.7	14.7
400	52.8	17.6
500	49.1	21.7
630	45.7	25.6
800	42.9	28.7
1000	39.5	32.8
1250	36.3	36.4
1600	33.5	38.7
2000	31.3	40.9
2500	28.0	43.7
3150	26.5	44.2
4000	21.9	48.6
5000	15.0	53.6

Test assembly:
80 mm cement screed
(179 kg/m²)
10 mm AFM 26
(s' 20 MN/m³)
160 mm reinforced concrete
ceiling (400 kg/m²)

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

Standard delivery dimensions, ex warehouse
Thickness: 10/5 mm wave-shaped profile
Panels: 1500 × 1200 mm
Pallet: 90 items (162 m²)

Installation instructions and tender specifications
Additional information can be found on our
website at www.getzner.com.

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