

Acoustic Floor Mat 23

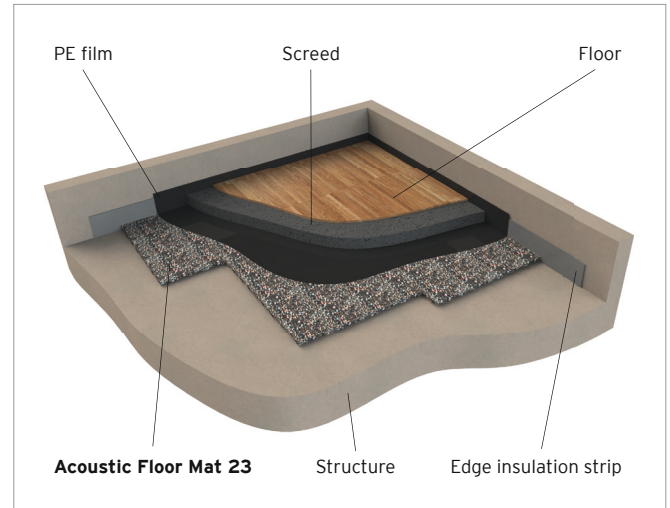
Product Data Sheet

Application area Impact noise isolation underneath screed flooring

- Hotels
- Refurbishments
- Assembly rooms
- Supermarkets

Material Polyurethane and cork
Colour Multi coloured

Improvement of impact noise 23 dB
according to ISO 717-2

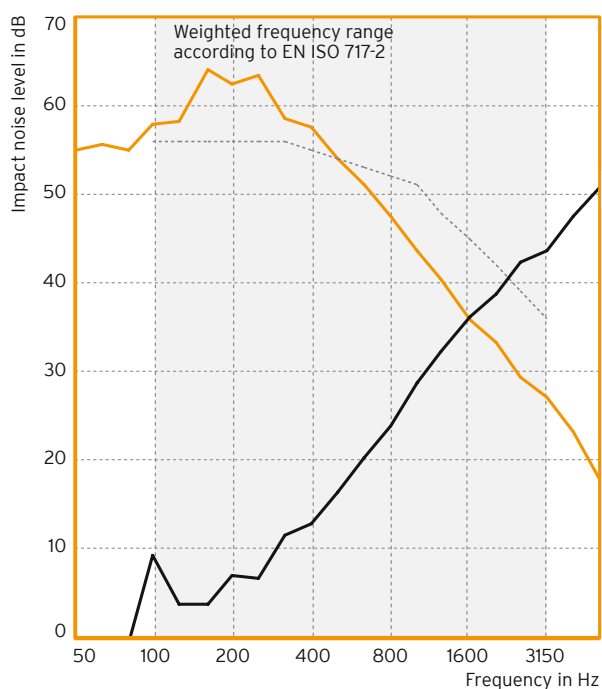


Advantages and benefits

- 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/m ²		
Thickness	6 mm		
Dyn. rigidity s'	≤ 35 MN/m ³	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 ΔL _{n,w}	23 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	ΔL in dB
50	55.1	-0.8
63	55.7	-0.8
80	55.1	-0.3
100	57.8	9.4
125	58.2	3.8
160	64.1	3.9
200	62.6	7.0
250	63.3	6.7
315	58.7	11.7
400	57.5	12.9
500	54.0	16.5
630	51.0	20.3
800	47.7	23.9
1000	43.5	28.8
1250	40.3	32.4
1600	36.0	36.2
2000	33.4	38.8
2500	29.3	42.4
3150	27.2	43.5
4000	23.1	47.4
5000	17.9	50.7

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

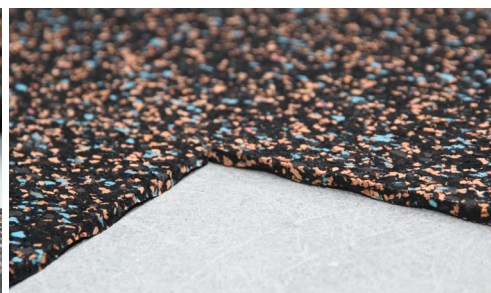
Test assembly:
 80 mm cement screed
 (179 kg/m²)
 6 mm AFM 23
 (s' 35 MN/m³)
 160 mm reinforced concrete
 ceiling (400 kg/m²)

Standard delivery dimensions, ex warehouse

Thickness: 6/3 mm wave-shaped profile
 Panels: 1500 × 1200 mm
 Pallet: 160 items (288 m²)

Installation instructions and text for tenders

Additional information can be found on our website at 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.

