

Product Overview

Acoustic Floor Mat

Getzner's Acoustic Floor Mats are highly effective and cost-efficient solutions made of foamed polyurethane designed to reduce impact noise transmitted through floors. They provide highly resilient impact noise protection in commercial and industrial premises, as well as residential and public buildings.



Acoustic Floor Mat 33
Load range: 2500 kg/m²
Dyn. rigidity $s' \leq 13$ MN/m³
Improvement of impact noise $\Delta L_{nw} \geq 33$ dB



Acoustic Floor Mat 31
Load range: 5000 kg/m²
Dyn. rigidity $s' \leq 17$ MN/m³
Improvement of impact noise $\Delta L_{nw} \geq 31$ dB



Acoustic Floor Mat 26
Load range: 5000 kg/m²
Dyn. rigidity $s' \leq 20$ MN/m³
Improvement of impact noise $\Delta L_{nw} \geq 26$ dB



Acoustic Floor Mat 23
Load range: 5000 kg/m²
Dyn. rigidity $s' \leq 35$ MN/m³
Improvement of impact noise $\Delta L_{nw} \geq 23$ dB



Acoustic Floor Mat 21
Load range: 2500 kg/m²
Dyn. rigidity $s' \leq 40$ MN/m³
Improvement of impact noise $\Delta L_{nw} \geq 21$ dB



Find out more at
[www.getzner.com/
floating-floors](http://www.getzner.com/floating-floors)



Material

mixed celled PU elastomer (polyurethane)

Acoustic Floor Mat Materialtype



Material properties	Test methods	AFM 33	AFM 31	AFM 26	AFM 23	AFM 21
Texture		profiled	profiled	profiled	profiled	even
Load range in kg/m ²		2500	5000	5000	5000	2500
Thickness in mm		16/9	16/9	10/5	6/3	8
Dyn. rigidity s' in MN/m ³	EN 29052-1	≤13	≤17	≤20	≤35	≤40
Compressibility in mm	EN 12431	≤2	≤2	≤1	≤1	≤1
Thermal conductivity in W/mK	EN 12667	0.05	0.06	0.06	0.06	0.06
Mass per unit area in kg/m ²		2.5	3.0	2.5	1.5	2.5
Flammability	EN ISO 11925-2	class E / EN 13501-1				
Temperature range in °C		-30 to 70				
Weighted impact noise improvement in dB	EN ISO 10140-3	≥33	≥31	≥26	≥23	≥21
Standardlieferform in mm		750×1500	750×1500	1200×1500	1200×1500	1200×1500

All information and data is based on our current knowledge. The data can be applied for calculations and as guidelines, are subject to typical manufacturing tolerances and are not guaranteed. Material properties as well as their tolerances can vary depending on type of application or use and are available from Getzner on request.

Further information can be found in VDI Guideline 2062 (Association of German Engineers) as well as in glossary. Further characteristic values on request.