ACOUSTIC FLOOR MAT 33

DATA SHEET

Product properties

Material	Mixed-cell PU elastomer (polyurethane)
Colour	Olive green
Dimensions	1,500 × 750 × 16 mm
Common applications	Mixed-use buildings, Hotels, Supermarkets, Gyms
Certifications	• ETA-17/0243 • VOC A+

Impact sound reduction 33 dB

according to EN ISO 717-2

Material properties

		Test methods	Explanatory notes
Thickness	16/9 mm	EN ISO 29770	Wave-profiled
Dynamic stiffness s'	≤ 9 MN/m³	EN 29052-1	
Compressibility c (d_L – d_B)	1.0 mm	EN ISO 29770	
Flammability	Class E	EN ISO 11925-2	Classification as per EN 13501-1
Thermal conductivity λ	0.05 W/mK	EN 12667	
Temperature range	-30 °C to 70 °C		Higher temperatures possible for short periods
Load range	≤ 2,500 kg/m²		

Measured acoustic performance

Supporting floor	Screed	Value*	
Reinforced concrete 160 mm	Concrete screed 179 kg/m²	ΔL_w	33 dB
		R_w	69 dB

* Acoustic performance based on third-party laboratory measurements conducted without a suspended ceiling.
Testings as per EN ISO 10140-2 for airborne and EN ISO 10140-3 for impact sound.
Ratings as per EN ISO 717-1 for airborne and EN ISO 717-2 for impact sound.
Laboratory results may not reflect on-site conditions. Test reports available upon request.

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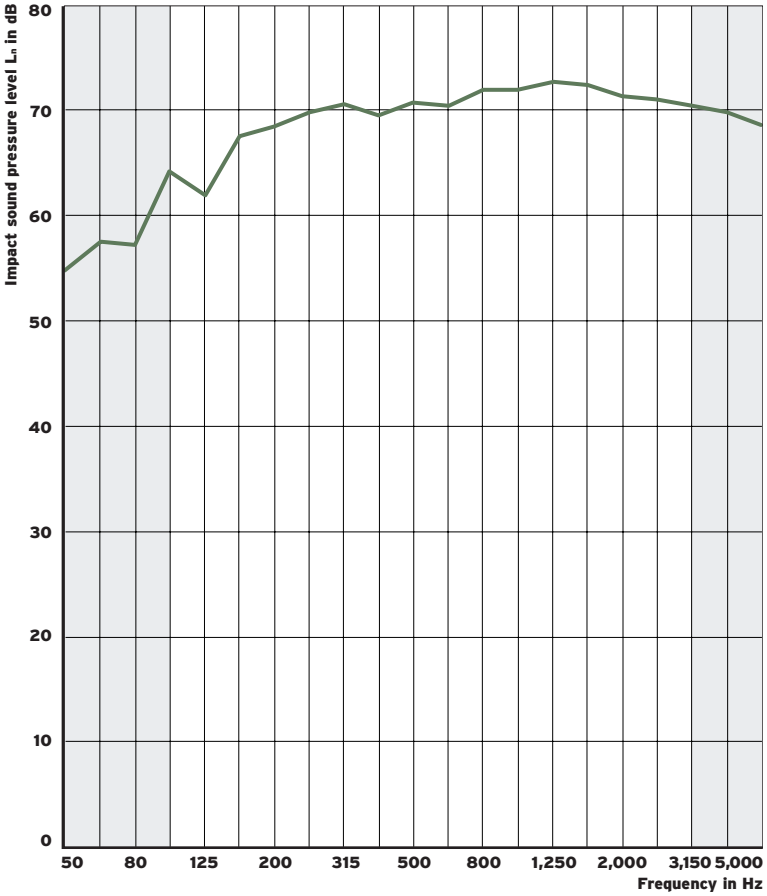
Frequency dependent impact sound pressure level

Tapping machine excitation



Product benefits

- Wave-profiled, uniformly effective over the entire load range
- High acoustic performance for limited thickness, efficient in low frequencies
- Excellent long term material behaviour with low creeping, proven durability over decades
- Compatible with underfloor heating and cooling
- Easy handling and quick installation by a single person

Recommendation

The waves must always be placed downward, facing the supporting floor.

Standard delivery	
Mat dimension	1,500 × 750 × 16 mm
Pallet (70 items = 78.75 m²)	1,500 × 800 × 1,200 mm

Save time!
Calculate your floor performance in seconds with FloorCalc:

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FloorCalc

All information and data are based on our current knowledge. They can be used in calculations and for reference purposes, but is subject to typical manufacturing tolerances and does not represent warranted properties. Subject to change without notice.

ETA-17/0243

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