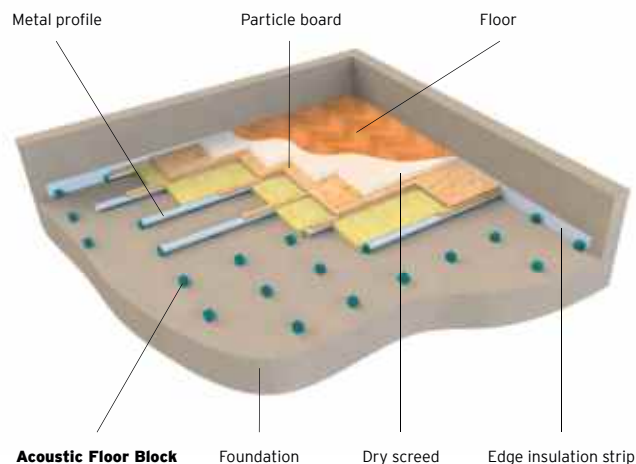


ACOUSTIC FLOOR BLOCKS

DATA SHEET

Product properties

Material	100 % polyurethane
Colours	Turquoise, grey and red
Application area	Impact noise insulation of hollow floor constructions: <ul style="list-style-type: none">• Sound studios• Cinemas and clubs• Theatres• Dwellings and offices• Sport floors• Bowling alleys



Improvement of impact noise 31dB

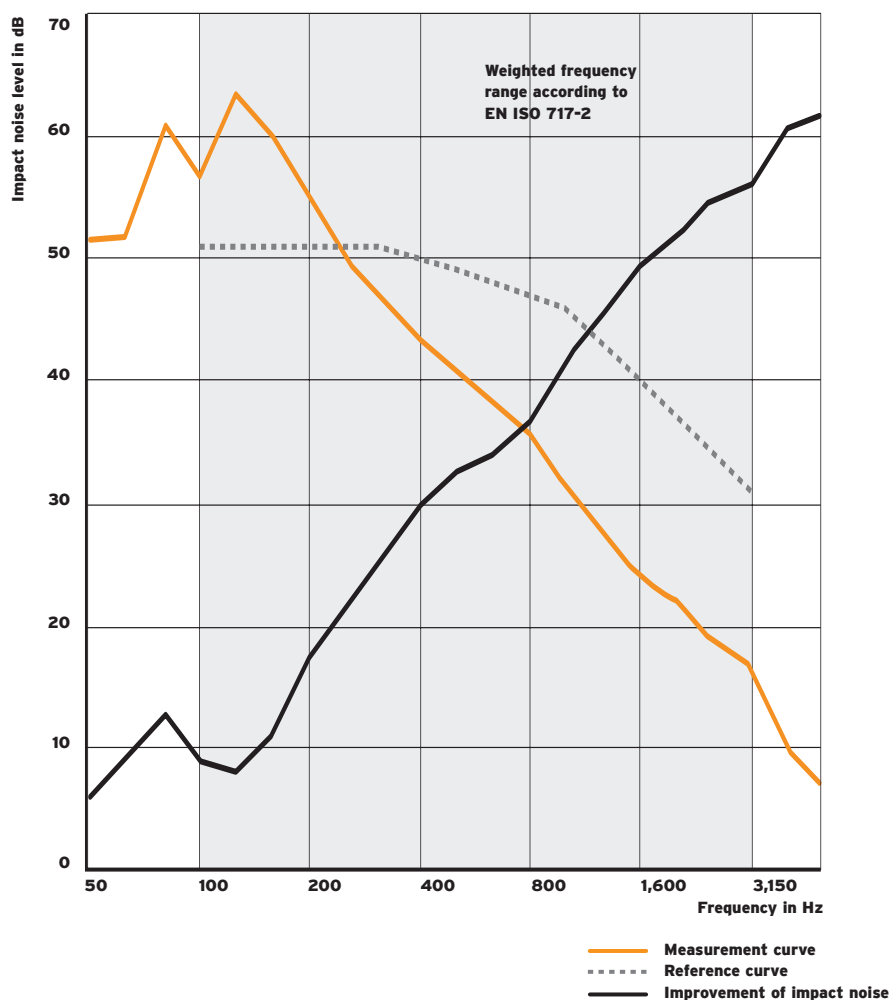
according to EN ISO 717-2

Material properties		Test methods	Explanatory notes
Load range	800 kg/m ²		
Natural frequency	≥ 8 Hz		
Flammability	Class E	EN ISO 11925-2	Normal flammable EN 13501-1
Temperature range	-30 °C to 70 °C		Higher temperatures possible for short periods
Weighted impact noise improvement ΔL_w	31 dB	EN ISO 10140-3	Classification as per EN ISO 717-2

Product advantages and benefits

- High improvement of impact noise even in low frequency ranges
- Low creeping behaviour
- Excellent shock and impact resistance
- Allows services to be installed within the void
- Outstanding performance over lifetime of the building

Impact noise improvement level according to EN ISO 10140-3



f in Hz	L_n in dB	ΔL in dB
50	51.6	6.1
63	51.8	9.2
80	61.0	12.9
100	56.6	9.0
125	63.5	8.1
160	59.6	11.3
200	54.5	17.6
250	49.9	21.0
315	46.2	25.0
400	43.1	29.9
500	40.4	32.4
630	38.3	33.9
800	35.6	37.0
1,000	31.3	41.6
1,250	27.6	45.5
1,600	23.8	49.5
2,000	21.8	51.8
2,500	18.6	54.6
3,150	16.8	55.9
4,000	10.2	60.7
5,000	7.0	61.6

Experimental set-up

50 mm Trockenestrich Platten (59 kg/m²)
 50 mm Acoustic Floor Blocks (s'_t 1,5 MN/m³)
 140 mm Stahlbetondecke (320 kg/m²)

Standard delivery dimensions, ex warehouse

Elastomer	50×50×50 mm; 50×50×25 mm
Types	Acoustic Floor Block 50: AFB 160, AFB 110, AFB 60, AFB 30 Acoustic Floor Block 25: AFB 170, AFB 140, AFB 80, AFB 40

Installation instructions

Additional information can be found on our website



getzner.com