

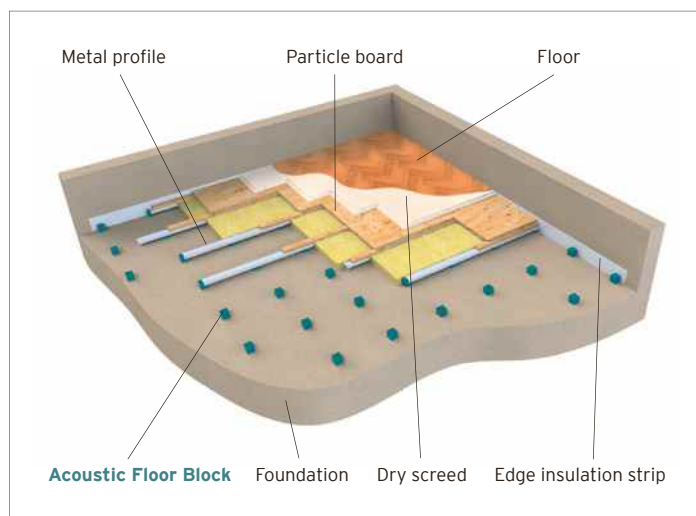
Acoustic Floor Blocks

Product Data Sheet

- Application area** Impact noise insulation of hollow floor constructions
- Sound studios
 - Cinemas and clubs
 - Theatres
 - Dwellings and offices
 - Sport floors
 - Bowling alleys
- Material** 100 % polyurethane
- Colours** Turquoise, grey and red

IIC Rating **68** according to ASTM E 989

STC Rating **62** according to ASTM E 413

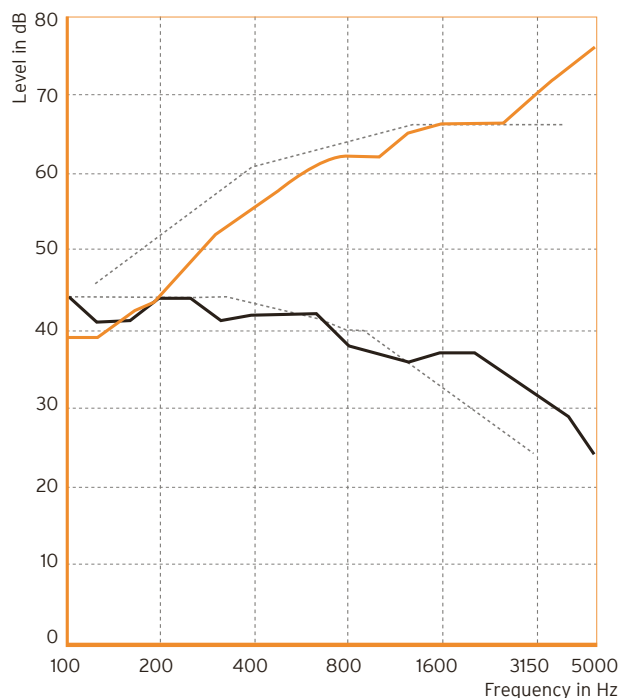


Advantages and benefits

- High improvement of impact noise even in low frequency ranges
- Installation heights from 50 mm to 500 mm
- Low creeping behaviour
- Excellent shock and impact resistance
- Allows services to be installed within the void
- Outstanding performance over lifetime of the building

Product properties		Test methods	Comment
Load range	800 kg/m ² (164 lb/sqf)		
Natural frequency	≥ 8 Hz		
Installation height	50 to 500 mm (2 - 20")		
Flammability	class E	EN ISO 11925-2	normal flammable EN 13501-1
Temperature range	-22 °F to 158 °F		higher temperatures possible for short periods
Impact Insulation Class IIC	68	ASTM E 492	ASTM E 989
Sound Transmission Class STC	62	ASTM E 90	ASTM E 413

Impact and airborne noise level according to ASTM E 90 and ASTM E 492



f in Hz	Impact SPL in dB	airborne TL in dB
80	61.0	41.0
100	44.0	39.0
125	41.0	39.0
160	41.0	42.0
200	44.0	44.0
250	44.0	49.0
315	41.0	53.0
400	42.0	56.0
500	42.0	58.0
630	42.0	61.0
800	38.0	62.0
1,000	37.0	62.0
1,250	36.0	65.0
1,600	37.0	66.0
2,000	37.0	66.0
2,500	35.0	66.0
3,150	32.0	70.0
4,000	29.0	73.0
5,000	24.0	76.0
6,300	17.0	79.0
8,000	11.0	84.0
10,000	10.0	85.0

— airborne transmission loss
— normalized impact sound pressure level

Test assembly:

100 mm / 4" cement screed
(240 kg/m² / 49 lb/sqf)
12 mm / 1/2" plywood
(7 kg/m² / 1.4 lb/sqf)
50 mm / 2"
Getzner Acoustic Floor Blocks
(s' 1.5 MN/m³)
38 mm / 1 1/2"
mineral wool insulation
(filling material)
150 mm / 6"
reinforced concrete floor
(360 kg/m² / 74 lb/sqf)

Standard delivery dimensions, ex warehouse

Elastomer: 50×50×50 mm (2×2×2")
50×50×25 mm (2×2×1")

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 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.