

Floor Blocks

Product Data Sheet

Application area Impact noise insulation of hollow floor constructions

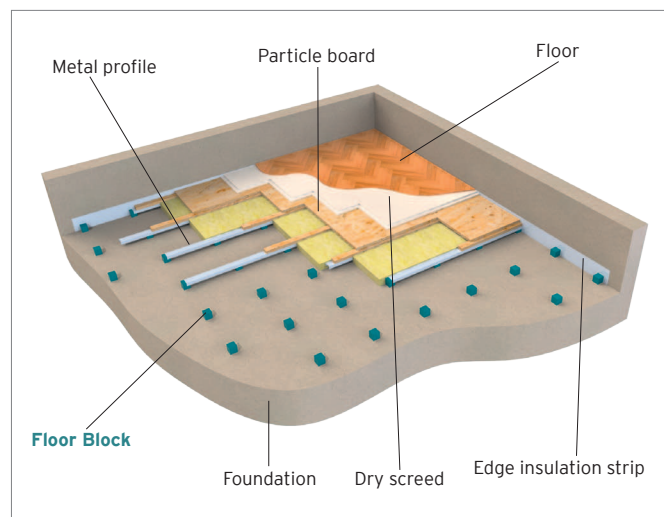
- Sound studios
- Cinemas and clubs
- Theatres
- Dwellings and offices
- Sport floors
- Bowling alleys

Material
Colours

100 % polyurethane
turquoise, grey and red

Improvement of impact noise 31 dB

according to EN ISO 717-2

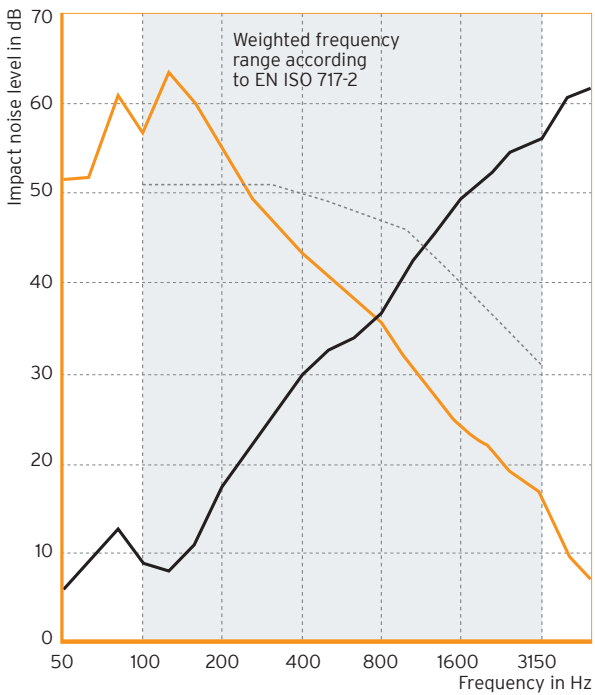


Advantages and benefits

- 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		
Natural frequency	≥ 8 Hz		
Installation height	50 - 500 mm		
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 $\Delta L_{n,w}$	31 dB	EN ISO 10140-3	EN ISO 717-2

Impact noise improvement level according to EN ISO 10140-3



f [Hz]	L_n [dB]	ΔL [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
1000	31.3	41.6
1250	27.6	45.5
1600	23.8	49.5
2000	21.8	51.8
2500	18.6	54.6
3150	16.8	55.9
4000	10.2	60.7
5000	7.0	61.6

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

Test assembly:

50 mm dry screed panels
 (59 kg/m²)
 50 mm Floor Blocks
 (s' 1.5 MN/m²)
 140 mm reinforced concrete
 ceiling (320 kg/m²)

Standard delivery dimensions, ex warehouse

Elastomer: 50 x 50 x 50 mm; 50 x 50 x 25 mm

Types: Floor Block 50: FB 110-50, FB 60-50, FB 30-50

Floor Block 25: FB 140-25, FB 80-25, FB 40-25

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.