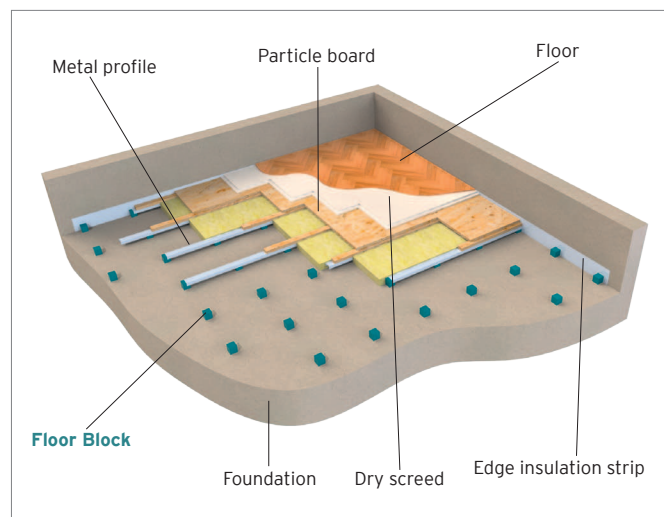


# Floor Blocks

## 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

**Improvement of impact noise 31 dB**  
according to EN ISO 717-2

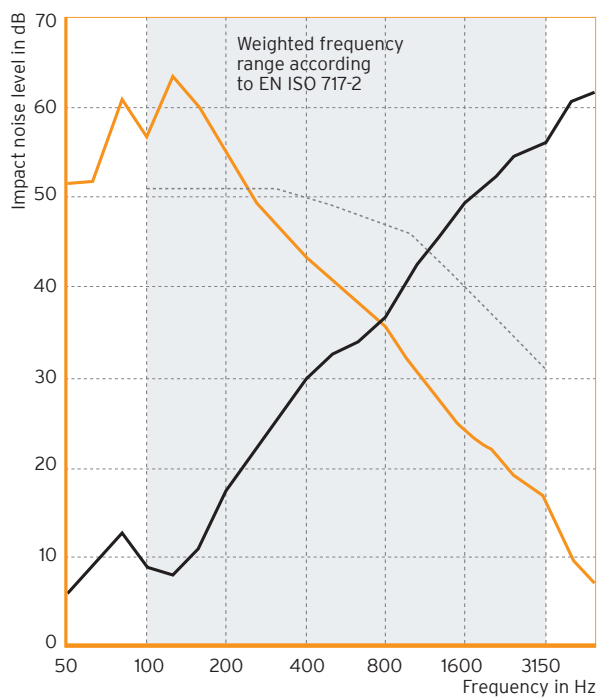


### Advantages and benefits

- 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 <sup>2</sup> |                |   |
| Natural frequency                                  | ≥ 8 Hz                |                |   |
| Installation height                                | 50 - 500 mm           |                |   |
| Flammability                                       | class E               | EN ISO 11925-2 | normal flammable<br>EN 13501-1                    |
| Temperature range                                  | -30°C to 70°C         |                | higher temperatures possible<br>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] | $\Delta L$ [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/m<sup>2</sup>)  
 50 mm Floor Blocks  
 (s' 1.5 MN/m<sup>2</sup>)  
 140 mm reinforced concrete  
 ceiling (320 kg/m<sup>2</sup>)

### 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 70-25, FB 40-25, FB 20-25

### Installation instructions and text for tenders

Additional information can be found on our website at [www.getzner.com](http://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.