

g-fit Shock Absorb extreme Data Sheet



Range of use Under floor coverings in weights areas and in CrossFit workout zones

Material Polyurethane

Colour Black



Reduction of maximum sound pressure level¹ **29 dB(A)**
according to EN ISO 10052

Advantages and benefits

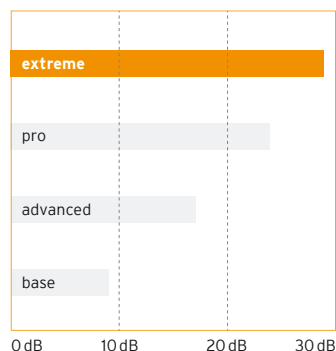
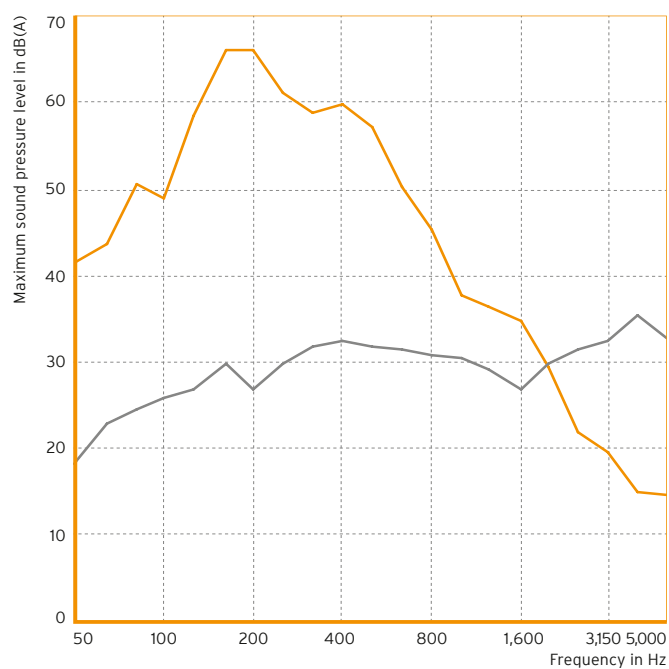
- Proven noise reduction
- Easy to install - including retrospectively
- Prevention of crack formation on coverings and in support structure
- Low additional height
- Barely any extra weight
- Ergonomically tested
- Minimised risk of injury
- Maintenance-free and resistant to ageing (no material fatigue)

Product properties		Comment
Thickness	75 mm	unloaded
Standard bell weights	up to 250 kg	
Weight by area	18 kg/m ²	
Temperature range	-30°C to 70°C	
Specific energy absorption	36.0 mJ/mm ²	
Reduction of maximum sound pressure level ¹ $\Delta L_{A,F,max}$	29 dB(A)	50 kg, 50 cm drop height
Shock absorption ² KA_{55}	72 %	
Standard deformation ² StV	9.6 mm	

¹ Reference value: raw ceiling with standard commercial sports floor (18 mm and 16 kg/m²)

² Specification incl. standard commercial sports floor

Sound reduction based on EN ISO 10140-3



Experimental set-up:
 50 kg – 50 cm drop height
 18 mm sports floor (16 kg/m²)
 75 mm Shock Absorb extreme (22.75 kg/m²)
 140 mm reinforced concrete ceiling (350 kg/m²)

Comparison set-up:
 18 mm sports floor (16 kg/m²)
 140 mm reinforced concrete ceiling (350 kg/m²)

— Measurement curve
 — Noise reduction

Standard packaging

Thickness: 75 mm
 Mat: 1500 x 750 mm
 Pallet: 12 pcs (13.5 m²)

Installation instruction

Additional information can be found on our website: www.getzner.com



All information and data is based on our current knowledge. It 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.

