

Product information sheet

Product	GEFICELL TDZ FBH 55 red						
Data path		Version:	1.0.0.1	Date:	10.02.2025	created:	IM

Product-Composition/Material:

extruded bio-polyethylen-foam, closed-cell and free from HFCKW and HFKW

Format:

Length: 25 m

Width: 1500 mm

Thickness: 10 mm

Model:

Rolled material

Packaging:

1 Roll of 25/50 m in PE back, perforated

Field of application:

Impact sound insulation under floating screeds, unheated or heated with a hot-water underfloor heating system. Every field of application with low construction height where only really thin layers of sound insulation can be used. For example in bathrooms, renovation of old buildings and prefabricated house construction.

General:

To process within 6 months.

Processing temperature +5°C until 25°C

Water temperature underfloor heating Max 55°C

Storage temperature max. 30 °C

Do not expose to solar radiation.

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Technical data:

Heat conductivity – Nominal value λ_D	0,06 W/mK
Reaction to fire: according to. EN 13501-1 and DIN 4102	E B2
Thickness tolerance (gem. EN 13163)	± 1 mm
Length tolerance (gem. EN 13163)	- 2 %, + unlimited
Width tolerance (gem. EN 13163)	± 1 %
Dimensional stability at + 23 °C	< 2 %
Dimensional stability at + 55 °C	< 15 %
Compressibility c DIN EN 12431	≤ 1 mm
dynamic stiffness DIN EN 29052-1	≤ 70 MN/m ³
Impact sound reduction Δ LW	≥ 17 dB
tensile strength EN ISO 29766	>150 kPA
Max. load capacity – Total load	2,0 kN/m ²
Density ISO 29470	23-28 kg/m ³