

Technical data

PhoneStar Tri

- Effectively insulates airborne and impact sound
- Ecological raw materials - wood and sand



Product description

PhoneStar sound insulation panels are made of environmentally friendly materials - corrugated cardboard and quartz sand - and are approved for use on floors, walls, ceilings and pitched roofs in ETA 20/0371.

Technical data		
Length x Width	1250 x 625 mm	1200 x 800 mm
Thickness	15 mm	
Surface/board	0,78 m ²	0,96 m ²
Weight / m ²	18,00 kg	
Impact sound reduction	$\Delta L_w = 22$ dB	DIN EN ISO 717-2
Sound reduction index	$R_w = 38$ dB	DIN EN ISO 717-1
Reaction to fire	E	DIN EN 13501-1
Area load	5 kN/m ²	DIN EN 1991-1-1NA
Point load	4 kN	DIN EN 1991-1-1NA
Sd value	approx. 0,2 m	DIN EN ISO 12572
Thermal conductivity	0,17 W/(mK)	DIN EN 12664
Compressive stress at 5% load (σ_5) ¹	≥ 1000	
Compressive strength (kPa)	≥ 1000	
Application	Interior fittings	

¹ 10% load is not reached.

Storage:

- Only store PhoneStar boards indoors, flat, dry and frost-free.
- Store at the installation site for 24 hours to acclimatize.
- Protect edges from damage.

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