

## Technical data

### PhoneStar Twin

- 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	10 mm	
Surface/board	0,78 m <sup>2</sup>	0,96 m <sup>2</sup>
Weight / m <sup>2</sup>	12,00 kg	
Impact sound reduction	$\Delta L_w = 19 \text{ dB}^*$	DIN EN ISO 717-2
Sound reduction index	$R_w = 26 \text{ dB}^*$	DIN EN ISO 717-1
Reaction to fire	E	DIN EN 13501-1
Area load	5 kN/m <sup>2</sup>	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 ( $\bar{\sigma}_5$ ) <sup>1</sup>	$\geq 1000$	
Compressive strength (kPa)	$\geq 1000$	
Application	Interior fittings	

<sup>1</sup> 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.

\*) measured value defined for PhoneStar Tri

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