

## Technical data

### PhoneStar ST 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	12,5 mm		
Surface/board	0,78 m <sup>2</sup>	0,96 m <sup>2</sup>	
Weight / m <sup>2</sup>	17,5 kg		
Impact sound reduction	$\Delta L_w = 22 \text{ dB}^*$		DIN EN ISO 717-2
Sound reduction index	R <sub>w</sub> = 36 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>	≥ 1000		
Compressive strength (kPa)	≥ 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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