

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	1.367 x 0.683yd	1.312 x 0.874 yd	
Thickness	0.4 in		
Surface/board	0.933 sqyd	1.148 sqyd	
Weight / sqyd	31.6 lb/sqyd		
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	1.34 klb /sqyd		DIN EN 1991-1-1NA
Point load	0.9 klb		DIN EN 1991-1-1NA
Sd value	ca. 0.66 ft		DIN EN ISO 12572
Thermal conductivity	1.39 BTU·in/h·ft ² ·°F		DIN EN 12664
Compressive stress at 5% load ($\bar{\sigma}_5$) ¹	$\geq 0.145 \text{ kip/ in}^2$		
Compressive strength (kPa)	$\geq 0.145 \text{ kip/ in}^2$		
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.

*) measured value defined for PhoneStar Tri

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