

Technical specifications

PhoneStar TWIN

Product description:

PhoneStar soundproofing panels are made of environmentally friendly materials, corrugated cardboard and quartz sand and are manufactured according to an innovative process.

information

readings

Examination after

Length x width	1250 x 625 mm 1200 x 800 mm	
thickness	10 mm	
Surface / plate	0.78 m ² / 0.96 m ²	
Weight / m ²	12.00 kg	
Impact sound insulation up	$\Delta L_w = 19$ dB	DIN EN ISO 717-2
Airborne sound insulation up	$R_w = 26$ dB	
Flammable material class	B2	DIN 4102
distributed load	5 kN / m ²	DIN 1055, 2002 edition
point load	4 kN	DIN 1055, 2002 edition
Sd value	about 0.2 m	DIN EN ISO 12572: 2001
thermal conductivity	0.17 W / (mK)	DIN 4108-3: 2001-07

Bending load	278.4 N in the longitudinal direction	
Bending load	159.4 N in the transverse direction	
flexural strength	≥4.5 N / mm ² in the longitudinal direction	
flexural strength	≥ 2.5 N / mm ² in the transverse direction	
scope of application	interior	
applications		
A1	Spitz floors	DIN 1055, 1971 edition
A2, A3	Living and lounges	DIN 1055, 2002 edition
B1-B3	Office, work surfaces, corridors	
C1-C3, C5	meeting rooms	
D1, D2	salesrooms	

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