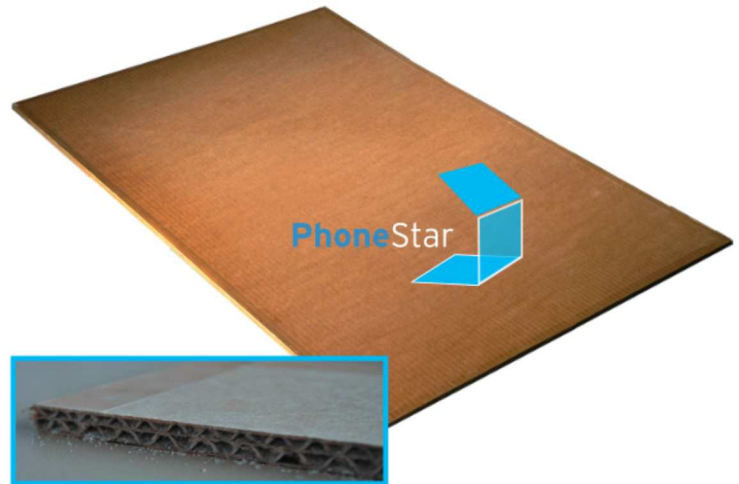


Technical Data:

PhoneStar TWIN



Product Description:

PhoneStar Sound Insulation Boards consist of environmentally-friendly materials - corrugated cardboard and quartz sand - and are produced in accordance with a specified process.

| Data | Measured values | Inspection |
|---------------------------------|---|------------------------|
| Length x Width | 1250 x 625 mm 1200 x 800 mm | |
| Thickness | 10 mm | |
| Area | 0,78 m ² / 0,96 m ² | |
| Weight approx. / m ² | 12,00 kg | |
| Sound Reduction | | |
| Impact, up to | ΔLw = 19 dB | DIN EN ISO 717-2 |
| Airborne, up to | Rw = 26 dB | |
| Fire Behaviour | B2 | DIN 4102 |
| Pressure Loading | 5 kN/m ² | DIN 1055, issue 2002 |
| Concentrated Load | 4 kN | DIN 1055, issue 2002 |
| Sd-Value | ca. 0,2 m | DIN EN ISO 12572: 2001 |
| Thermal Conductivity | 0,17 W/(mK) | DIN 4108-3:2001-07 |
| Bending Tensile Load | 278,4 N Lengthwise | |
| Bending Tensile Load | 159,4 N Widthwise | |
| Bending Tensile Strength | ≥4,5 N/mm ² Lengthwise | |
| Bending Tensile Strength | ≥2,5 N/mm ² Widthwise | |
| Application Area: | Interior | |
| Application Areas: | | |
| A1 | Converted attic | DIN 1055, issue 1971 |
| A2, A3 | Living rooms and lounges | DIN 1055, issue 2002 |
| B1-B3 | Office, work spaces, floor | |
| C1-C3, C5 | Meeting rooms | |
| D1, D2 | Salesrooms | |

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We guarantee the consistent quality of our products but we do reserve the right to make further developments and technical changes. The data on this sheet is based on our practical and scientific experience and corresponds to the suppliers data. Since we have no influence over the processing due to the variety of natural materials we cannot take over the legal guarantee for the appearance, characteristics and workmanship nor provide a guaranteed quality according to the latest legislation by the BGH. The customer is not exempt from a careful review of the functions and applications of the products by qualified personnel.