

SlatSound akustik



The SlatSound modules consist of several solid wooden slats arranged next to each other.

The slats are screwed invisibly to the back with blackened solid wood and are filled with black-laminated acoustic insulation wool on the back.

The insulation wool ensures very high sound absorption and significantly reduces room reverberation. The result is an extremely improved room climate.

The modules can be used both for wall cladding and for ceiling suspensions. The modern, timeless lines, combined with natural wood, convey warmth and a sense of well-being.

Fire Behaviour:

D-S3,d2 (normal flammability)
B-s1,d0, B-s2,d0 (Brandschutzlack)

Montage:

Screwed onto the back of the crossbars (wall) using suspension brackets. Make sure that an additional crossbar is screwed in by the customer to hold the insulation wool in position.

Fixed to the substructure on the ceiling side with metal brackets, UK e.g. from Suckow & Fischer.

Surfaces:

raw sanded, lacquered, oiled (waxoil)

Temperature/Rel. Humidity

15-25 °C and 45-60%

Dimensions

Standard: Length: 2495, 1880, 1265mm
 Width: 600mm
 Thickness: 69mm

Einsatzgebiete:

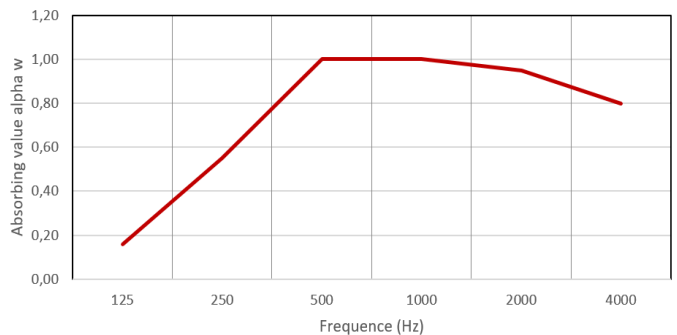
Indoor spaces with high communication intensity, such as meeting rooms, conference halls, auditoriums, multi-purpose halls, sports halls, indoor swimming pools, multi-person/large-space offices, etc.

Technische Daten

Wood species:	oak, pine, Douglas fir, walnut
Module dimensions:	Length: 2400, 2000, 1880, 1265 mm Width: 600 mm Thickness: approx. 69 mm
slat dimensions:	H: 42 mm x W: 20 mm (visible side = 20 mm) (other profiles on request)
Distance between slats:	34.5 mm (= open area of approx. 63.5%) (other distances possible on request)
Dimension cross slats:	34x45x600 mm
Weight per unit area:	between 12 and 16 kg/m ² , dep. on wood type

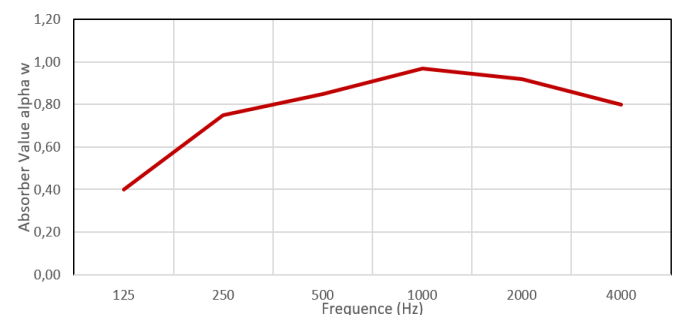
Design for Wall:
(20mm wool, 50mm cavity)

NRC: 0,90
Aw: 0,85
Absorberclass: B



Design for Ceiling:
(20mm wool, 250mm cavity)

NRC: 0,90
Aw: 0,90
Absorberclass: A



Values with acoustic panels made of rock wool 120kg/m³. Facing side laminated with black fleece, Thickness approx. 20-22mm. Not supplied by Burke Acoustics.

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Type SSA 20x42-34,5

Technical data
(Modul 1880x600mm)

