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Subject to the
observance of our processing and
storage instructions,
terms of warranty, and General Terms
and Conditions of Business
we grant for the bonding
of our products

10 Years Guarantee



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Stadur Produktion GmbH & Co. KG
Ottensheim 24-26 • D-22714 Himmelpfort
Telefon +49 (0) 4144 234-0 • Telefax +49 (0) 4144 234 100
E-Mail: info@stadur.com • www.stadur.com

Stadur Top Stadur Top Phon

The Roof Panel with Aluminium Facing Panels

Product Information

Stadur Top, Stadur Top Phon



Description:

The roof panels Stadur Top, Stadur Top Phon consist of an extruded polystyrene foam core and 0.72 mm aluminium facings on both sides. Both sides are bevelled approx. 6 mm.
The composite element is provided with a protective foil on both sides.
10 years Stadur guarantee



Properties:

- optimum load-bearing capacity
- lightweight
- B1 flame resistant
- UV-Endurance
- good sound insulation values
- easy to process with the usual metalworking tools



Facings:

Smooth aluminium 0.72 mm on both sides. Paint finish: 2-coat polyester paint, 25 µm.

Standard colours: white RAL 9016, white RAL 9010

Special colours: cream white RAL 1015 (1200 mm width only), red RAL 8004 (1200 mm width only), brick red (no RAL colour) (1200 mm width only), grey RAL 7024 (1200 mm width only)

Special facings: aluminium Stucco white RAL 9010



Foam core:

Extruded polystyrene foam, CFC-free or CO₂ foamed, high impermeability to vapour, lowest water uptake B1 in accordance with DIN 4102. The foam core is grooved for optimum adhesion. No dust release during processing.

Stadur Top Phon with 3.0 mm sound-absorbing inserts reduces the sound of rain on the roof by up to approx. 50%.



Overall thickness:

16, 24, 32, 52, 80 mm.

For Stadur Top Phon elements the overall thickness raises about 3.0 mm.

Further thicknesses (thicker/thinner) of the facings or the foam core available on request.



Formats:

Widths: 980 mm, 1200 mm

Lengths: 3000, 4000, 5000, 6000, 7000, 7500 mm

Further formats and standard dimensions available on request.



U- and dB-values:

Testing of the dB-values in accordance with DIN EN ISO 140-18 structure-borne sound.

Thickness	U-value	dB-value Stadur Top	dB-value Stadur Top	kg/m ²
16 mm	1.45	–	–	4.45
24 mm	1.02	–	–	4.73
32 mm	0.87	64.3	58.5	5.01
52 mm	0.50	67.0	60.9	5.71
80 mm	0.33	–	–	6.69

For Stadur Top Phon the overall thickness increases about 3.0 mm and the weight about approx. 2.06 kg/m². Please refer to our technical data sheet for further technical values.



Special elements:

Edge finishing of the foam core as a stepped rebate or tongue and groove is possible. The fitting of a PVC grooved profile (see photo) is possible from an element thickness of 52 mm up. A corresponding PVC tongue profile is additionally available.



Note:

When laying Stadur Top, point loads (such as kneeling on it) should be avoided. Please refer to the static values and instructions for transport, storage and installation on the technical data sheet.
Please refer to the processing instructions for further information.



Areas of application:

Conservatory construction
Overhanging roofs, e.g. street cafés or carports
Porches for industrial buildings and shop passages

Shed roof glazing
Large advertising hoardings