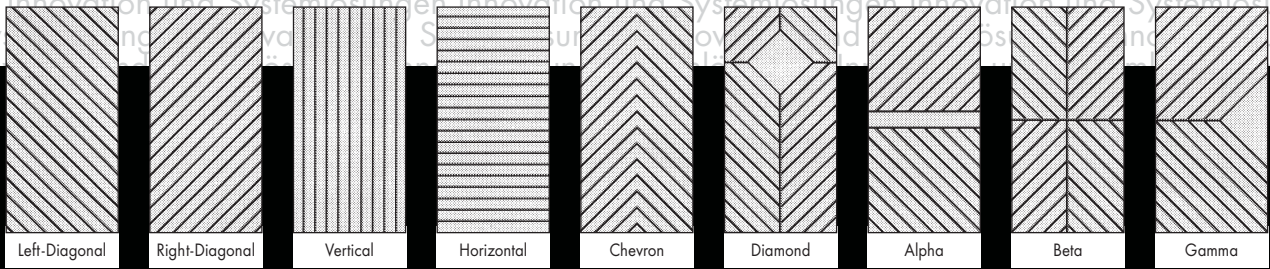




STADUR

Innovation und Systemlösungen

Made in Germany



**GARANTIE
URKUNDE**

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

STADUR
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Stadur Verbundelement FB-1/SLN

The Grooved Stadurlon Composite Board

Product Information

Stadur Composite Element FB-1/SLN



Description:

FB-1/SLN composite elements consist of an extruded polystyrene core and a 2.0 mm white painted Stadurlon-panel on one side, with Softline grooving. The reverse side consists of a smooth 1.5 mm white Stadurlon-panel. Elements grooved on both sides can be supplied on request. The composite element is covered with a protective foil on both sides.

10 years Stadur guarantee



Properties:

- very good thermal insulation
- UV-Endurance (5 year guarantee by the paint manufacturer)
- good sound insulation values
- high impact resistance
- easy to process with the usual wood and metal working tools



Facings:

On one side a 2.0 mm white painted hard Stadurlon-panel (RAL 9010/9016, Salamander-white), which has a 1.0 mm deep Softline grooving (groove types: see illustrations overleaf).

Reverse side: smooth, unpainted 1.5 mm hard Stadurlon-facing, white (similar to RAL 9016).



Foam core:

Extruded polystyrene foam, CFC-free or CO₂ foamed, low vapour permeability, lowest water absorbance B 1 in accordance with DIN 4102. The foam core is corrugated for optimum adhesion. No dust release during processing.



Total thickness:

24 mm

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



Format:

2000 x 1000 mm



U- and dB-values:

Thickness	U-value	dB-value	kg/m ²
24 mm	1.29	approx. 29	4.85



Special elements:

Stadur FB-1/SLN composite elements can be supplied with optimised sound insulation values by incorporating special sound proofing panels, or with intrusion inhibiting aluminium inserts with test certificate. Inset edging strips of wood, plastic or aluminium and edge machining of the foam core as a stepped rebate or tongue and groove are possible. Other core materials e.g. PUR-foam, mineral wool or honeycomb construction materials available on request.

In our own milling centre we are able to offer individual groove patterns and various groove geometries, according to your needs and wishes.

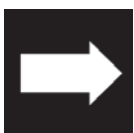


Note:

The grooved and painted surface is available in the colours RAL 9010/RAL 9016 or Salamander white. Groove bases are likewise painted to prevent dirt collecting. The paint is absolutely weather-resistant. In the case of subsequently painted elements for which Stadur has given no written release, any claim under guarantee is void.

When solvent-based substances are used, PUR foam must be employed as the core layer.

Please refer to the processing instructions for further information.



Areas of application:

Door panels
Breastwork elements
Conservatory construction

Balcony facings
Folding blinds