



# 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/EXN

## The PVC Composite Board with Extruded Grooving

# Product Information

## Stadur Composite Element FB-1/EXN



### Description:

FB-1/EXN composite elements consist of an extruded polystyrene core and a white 2.2 mm PVC facing with extruded groove on one side. The reverse side consists of a smooth 1.5 mm white PVC panel.

On request, elements with grooves on both sides are available.

The composite element is covered with a protective foil on both sides.

10 years Stadur guarantee



### Properties:

- very good thermal insulation
- UV-Endurance
- good sound insulation values
- high impact resistance
- easy to process with the usual wood and metal working tools



### Facings:

2.2 mm hard-PVC panels with perpendicular extruded groove on one side. The surface is white, satined brilliant, similar to RAL 9016.

Reverse side 1.5 mm hard-PVC panel, white, satined brilliant, similar to RAL 9016, smooth.



### Foam core:

Extruded polystyrene foam, CFC-free or CO<sub>2</sub> foamed, low vapour permeability, lowest water absorbance, B1 in accordance with DIN 4102. The foam core is corrugated for optimum adhesion. No dust release during processing.



### Overall thickness:

24 mm

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



### Formats:

2000 x 1000 mm

3000 x 1500 mm.

Other formats and standard dimensions available on request.



### U- and dB-values:

Thickness	U-value	dB-value	kg/m <sup>2</sup>
24 mm	1.07	approx. 29	6.08



### Special elements:

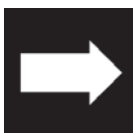
Stadur FB1/EXN composite elements can be supplied with optimised sound insulation values using special sound proofing panels or with intrusion-inhibiting aluminium inserts with test certificate. Edge jointing inserts of wood, plastic or aluminium and edge finishing of the foam core as a stepped rebate or tongue and groove are possible. Other core materials, e.g. polyurethane foam, mineral wool or honeycomb construction materials are available on request.



### Note:

In the case of subsequently painted elements for which Stadur has given no written release, any claim under the guarantee is void. When solvent-based substances are employed, polyurethane foam must be used as the core.

Please refer to the processing instructions for further information.



### Areas of application:

Window panels	Folding blinds
Door panels	Balcony facings
Breastwork elements	