



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-SPH

The Plywood Composite Board

Product Information

Stadur Composite Elements FB-SPH



Description:

FB-SPH composite elements consist of an extruded polystyrene core and 4.0 mm, untreated plywood panels on both sides.
10 years Stadur guarantee



Properties:

- very good heat insulation
- good sound insulation values
- very good compressive strength for veneering work
- lightweight
- easy to process with the usual wood and metal working tools



Facings:

3-ply bonded plywood 4.0 mm in AW quality in accordance with DIN 68705. Industrial roughing with K100. Various wood types and wood qualities can be supplied. Visible glue bleed-through has been excluded by using light melamine resin glue.



Foam core:

Extruded polystyrene foam, CFC-free or CO₂ foamed, low vapour permeability, lowest water uptake 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 facings or the foam core available on request.



Formats:

2500 x 1700 mm
Further formats and standard dimensions available on request.



U-value:

Thickness	Facing	U-value
24 mm	4.0 mm	1.27



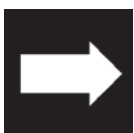
Special elements:

The Stadur FB-SPH composite elements can be supplied with optimum sound insulation values by incorporating special sound insulation panels, or with intrusion-inhibiting aluminium inserts.
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:

The plywood surfaces and edges must be treated with water-soluble surface systems (paints). In the case of solvent-based paints the foam core must be sealed. The maximum pressure for veneering work is 12,000 kg/m². Due to the special construction, a vapour barrier is not necessary (see additional information FB-SPH and FB-SPH/DN). When using solvent-based substances, polyurethane foam must be employed as the core. Please refer to the processing instructions for further information.



Areas of use:

Door panels	Conservatory construction
Partition wall construction	Vehicle construction
Breastwork elements	