



SANDWICHELEMENT

FB-HD Fibre Cement

STADUR
MADE IN GERMANY

Product Information

FB-HD Fibre Cement



Description:

Fibre cement sandwich elements consist of an extruded polystyrene core and, on one or both faces, a top layer of weather-resistant fibre cement panels (asbestos-free), 4.0 mm or 6.0 mm thick.

10 years Stadur guarantee

Properties:

- very good thermal insulation
- high sound insulation value
- UV-resistant, resistant to moisture, frost and snow
- optionally paintable
- high impact resistance
- resistant to termites
- easy to process with usual wood and metal working tools

Facings:

Fibre-cement panels reinforced with cellulose fibres (free of asbestos) in 4.0 or 6.0 mm.

Colour: grey

Fibre-cement panels are non-combustible in compliance with DIN 4102-A2.

Long-term heat resistance up to 150°C.

Core Material:

Extruded polystyrene foam, CFC-free or CO₂ 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. Core material of different thermal conductivity λ D-value 0.029 - 0.035 is available.

Overall Thickness:

20, 24, 30, 40, 50, 60, 80, 100 and 120 mm - Further thicknesses (thicker / thinner) of the foam core available on request.

Formats:

2500 x 1200 mm / 3000 x 1200 mm - Other formats and fixed formats are available on request.

Technical Data:	Overall Thickness	Facings	U-Value (λ D 0.029)	U-Value (λ D 0.035)
	24	4.0 mm	1.32	1.51

Special Elements:

Fibre cement sandwich element are available in a fireproof version with a mineral wool core. Fibre cement sandwich elements elements can be supplied with optimised sound insulation values by incorporating special sound insulation panels, or with intrusion-inhibiting aluminium inserts. Edge jointing insertsof 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.

Areas of Application:

Interior fittings, partition walls, stable construction, base insulation, facade elements, cladding of ceilings, hall construction

Note:

For further information please refer to our brochure: Processing Instructions.

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