



SANDWICHELEMENT

FB-3/SL Timber

Product Information

FB-3/SL Timber



Description:

Stadurlon Timber sandwich elements consist of an extruded polystyrene core and on both faces of Stadurlon (plain colors or wood decor optics). The reverse side can, alternatively, be supplied in white Stadurlon. The composite element is covered with a protective foil on both sides. 10 years Stadur guarantee.

Properties:

- high scratch resistance
- anti-graffiti effect
- self-cleaning surface / lotus-effect
- optimised u-values
- if desired with increased burglary protection
- if desired with improved sound insulation



Facings:

1.5 mm Stadurlon sheets, provided with a protective lacquer. Alternatively the reverse side is also available with white 1.5 mm Stadurlon sheets similar to RAL 9016. Available decors please refer to the current price list.

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:

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

Formats:

2150 x 950 mm / 3000 mm x 1500 mm x 24 mm - other sizes are on request deliverable.

Technical Data:

Overall Thickness	Facings	U-Value (λ D 0,029)	U-Value (λ D 0,035)
24	1,5 mm	1,11	1,29

Special Elements:

Stadurlon FB-3/SL Timber sandwich elements can be supplied with optimised 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.

Areas of Application:

Window panels, parapet elements, folding blinds, door panels, partition walls, exhibition construction, facade elements, balcony cladding

Note:

FB-3/SL Timber panels are for outdoor use permissible. Please note the longitudinal expansion of Stadurlon during the installation/ use of glazing blocks.

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

The product colours and surfaces shown in this brochure are subject to printing variations. Should you require exact colour and surface characteristics we recommend that you ask for a sample. Technical changes reserved. All business transactions are subject to our general terms and conditions which can be viewed at www.stadur.com.