



SANDWICHELEMENT

Stadurlon RAL Color

Product Information

Stadurlon RAL Color



Description:

Stadurlon RAL Color sandwich panels consist of an extruded polystyrene core and, on both faces, painted top layers of Stadurlon of 1.0 mm, 1.3 mm, 1.5 mm and 2.0 mm thickness. The sandwich panel is covered with a protective foil on both sides. 10 years Stadur guarantee.

Properties:

- painted Stadurlon sandwich elements
- excellent heat insulation
- weather-resistant
- high impact resistance even in the cold
- easy to process with conventional wood and metal tools

Facings:

Stadurlon is an efficient plastic material which is applicable for the use from -20°C up to +120°C. Stadurlon compact plate both sides 1.0 mm, 1.3 mm, 1.5 mm or 2.0 mm incl. protective foil.

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:

2000 x 1000 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	1.5 mm	1.11	1.29

Special Elements:

Stadurlon RAL Color 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, partition walls, exhibition construction, door panels, container construction, balcony cladding, boat and yacht building, facade elements, refrigeration rooms, advertising signs

Note:

A variety of colours even special and metallic colours in different gloss grades are available.

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