



SANDWICHELEMENT

Stadurlon EasyPaint

Product Information

Stadurlon EasyPaint

10
YEARS



Description:

Stadurlon EasyPaint sandwich panels consist of an extruded polystyrene core and, on both faces, top layers of Stadurlon with a special surface technology of 1.3 mm or 1.5 mm thickness. The sandwich panel is covered with a protective foil on both sides.

10 years Stadur guarantee.

Properties:

- can be immediately painted without preparatory work of the facings
- excellent heat insulation
- weather-resistant
- high impact resistance including 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. The special surface can be immediately painted without preparatory work. Stadurlon compact plate both sides 1.3 or 1.5 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:

3000 x 1500 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 | 1.3 mm | 1.09 | 1.27 |

Special Elements:

Stadurlon EasyPaint 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:

The coating is executed as follows: 1. Removing the protective foil 2. After removing the protective foil do not use any cleaning agents. Please respect that the surface will not be soiled by grease, oil, silicone or other agents. 3. Maximal reduce of electrostatics e. g. by blowing off with ionised air in order to avoid a soiling of the air with dust particles. 4. It is generally not necessary to primer the panels. 5. By use of solvent based varnishes the foam core has to be covered with masking tape. 6. Please respect the processing instructions and the airing and drying time according the technical data sheet of the varnish manufacturer. 7. The complete panel has to be varnished. For further information please refer to our brochure: Processing Instructions.

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