

Technical Data Sheet

StoVentec Glass A

Glas panel for rainscreen cladding systems,
made in the factory



Characteristics

Area of application	<ul style="list-style-type: none"> • exterior • interior • factory-produced panels are inserted into the sub-construction on the construction site • on walls • on ceilings
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Properties

- tempered safety glass: 6 mm, 8 mm
- tempered safety glass: optionally with or without heat soak test
- rear side: colour enamelled
- carrier board: 15 mm closed-cell, expanded perlite
- crosslinking of the adhesive: neutral
- screw connection: on the rear side with board carrier profiles
- weight: approx. 27 kg/m²
- panel thickness without board carrier profile: approx. 23 mm at 6 mm glass thickness, 25 mm at a glass thickness of 8 mm
- reaction to fire: class A2-s1,d0 in accordance with EN 13501-1

Format

- maximum width x height, dimensions in m:
- standing: 1.25 x 2.6 / 1.5 x 3.75 / 1.25 x 4.5 / 2.5 x 2.6
- lying: 2.6 x 1.25 / 3.75 x 1.5
- minimum edge length: 10 cm, and minimum length of the larger edge: 30 cm

Appearance

- high-quality glass surface
- no visible fixing
- use of different glass surfaces possible
- float glass or low-iron float glass
- high colour shade variety
- individual design possibilities using screen printing or digital printing

Information/notes

- type of application: rear ventilated, external wall cladding in accordance with DIN 18516-1
- Installation: in accordance with the structural analysis with approved fixings and anchoring elements.
- Unevenness, tempered safety glass: the thermal tempering process may cause

Technical Data Sheet

StoVentec Glass A

general and local warping in accordance with EN 12150-1.

- approved dimensions, tolerance: in accordance with EN 12150-1 and EN 14179

Substrate

Requirements

Substrate:

- Load-bearing

Sub-construction:

- Evenly aligned
- Installed
- Meets the requirements of the structural analysis.

Preparations

- Exact site dimension
- Approval of the drawing for production
- Indicative samples
- Approval of the colour sample and glass sample for production

Application

Application

Notes, recommendations, special information, miscellaneous

- Do not expose the carrier boards to any permanent moisture penetration or waterlogging.
- colour tolerances for the approved sample: $\Delta E < 2.9$ between the panels and subsequent delivery, in accordance with the CIELAB colour space
- visual test, spacing for the assessment: 3 m
- joint width: 5-12 mm
- recommended joint width: 8-10 mm
- Install the panels and the sub-construction without torsional stress.
- Prevent the panels from moving sideways on the sub-construction.
- For absorption of the dead load and to align: use hexagon socket head cap screws and M6 thread.

Delivery

Packaging

pallet

Storage

Storage conditions

Store in dry conditions.

Identification

Product group

Ventec facade

Technical Data Sheet

StoVentec Glass A

Safety

The product is a manufactured item. The creation of a safety data sheet in accordance with the REACH Regulation (EU) No. 1907/2006, Annex II, is not required.
Detailed information can be found at www.sto.de under the category Service & Tools / REACH regulation.

Special notes

The information in this Technical Data Sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Users are nevertheless responsible for establishing the product's suitability and use. Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation. Where no approval is given, such applications are at the user's own risk. This applies in particular when the product is used in combination with other products.

When a new Technical Data Sheet is published, all previous Technical Data Sheets are no longer valid. The latest version is available on the Internet.

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