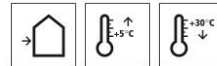


# Technical Data Sheet

## StoVeneer Wood

Timber effect panels



### Characteristics

- Area of application**
- exterior
  - as facade cladding for external thermal insulation composite systems, rainscreen cladding facades, solid substrates, and timber frame construction external walls
  - On mineral and organic substrates
  - not suitable for horizontal or sloping surfaces that are exposed to weather conditions

- Properties**
- shock-proof and impact-resistant
  - cement-free
  - good application properties

- Format**
- 200 x 16 cm, approx. 2 mm thick
  - 25 pieces/box

- Appearance**
- authentic timber appearance
  - colouring by applying an appropriate coating (mandatory)

### Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Water permeability rate w	EN 1062-3	< 0.1 kg/(m <sup>2</sup> h <sup>0.5</sup> )	W3 low
Water vapour diffusion-equivalent air layer thickness μ	EN ISO 7783	300 - 500	V2 medium

The characteristic values stated are average values or approximate values. Due to the natural raw materials in our products, the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended use.

### Substrate

- Requirements**
- The substrate must be firm, level, dry, load-bearing, and free from grease and dust. Check whether the fixing is suitable for the substrate at the building site, if necessary. Damp or not fully cured substrates can lead to defects in subsequent coats. If using the product on mineral substrates, the substrate can be optionally primed with Sto-Primer. If the product is used in timber frame construction, a

# Technical Data Sheet

## StoVeneer Wood

calculation in terms of building physics is necessary.

### Application

**Application temperature**      Lowest temperature of substrate and air: +5 °C  
 Highest temperature of substrate and air: +30 °C

### Consumption

Type of application	Approx. consumption
StoVeneer Wood	1 m <sup>2</sup> /m <sup>2</sup>

The stated consumption values are only to be used as a guide. If required, precise consumption values incl. cuttings should be determined at the project.

### Coating build-up

Bonding:  
 StoColl Mineral HP

Can be used on mineral substrates:  
 StoPrefa Armat, StoPrefa Armat 100S

double top paint coat:  
 StoAqua Top Satin, StoColor Dryonic<sup>®</sup>, StoColor Silco, StoColor X-black

Levelling coat, if required:  
 StoColor Jumbosil, colour shade Y109018

### Application

Tools:  
 Sto-Zahntraufel 4 mm (4 x 4), Sto-Zahntraufel 6 mm (6 x 6) as an alternative  
 Always choose the smallest possible notching for the substrate.

Bond the panels directly onto the system reinforcement.

Ensure that the requirements for the substrate have been fulfilled.

- Pay close attention to the dryness and flatness.
- Do not compensate for flatness via the adhesive bed; skim if necessary and observe drying times.
- Wait 36 hours between the individual application cycles.
- Do not expose the areas to direct sunlight; install solar protection if necessary. Maintain the solar protection until the areas are dried through.

Lay the panels from top to bottom.

Fitting pieces: cut boards to size on the rear side with a utility knife.

# Technical Data Sheet

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## StoVeneer Wood

Apply the bonding mortar in a notched manner. Apply the bonding mortar to the substrate with the specified notched trowel in the longitudinal direction of the panels.

Prevent skinning.

Remove the hardened adhesive. Remove adhesive from areas that are not (or not yet) being worked on. To maintain the smoothness of the adhesive, stir it again from time to time if necessary.

Place the facade panels approx. 5 - 10 mm from the joint.

Press and gently slide the panels full-faced into the freshly applied adhesive bed and slide them against the adjacent panel. Press the panel with the rubber roller so that excess bonding mortar flows out at the sides of the joints.

Prevent gaps or cavities. The joints must be completely sealed and the adhesive must emerge evenly and continuously on all sides.

Allow the excess adhesive to briefly harden and remove with a spatula. Wipe off any remaining adhesive with a damp sponge. Repeat the pressing process several times, working into the areas that have already been applied to achieve an even result.

Remove adhesive residue again with a sponge and clear, clean water.

Coat after 36 hours at the earliest. Work in the direction of the wood grain.

Observe the instructions for use / Technical Data Sheet of the selected coating. Observe the drying times.

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<b>Notes, recommendations, special information, miscellaneous</b>	disposal: waste code 17 09 04
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<b>Delivery</b>
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<b>Colour shade</b>	white/natural
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<b>Storage</b>
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<b>Storage conditions</b>	Store in dry conditions. Store above +15 °C before application.
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<b>Identification</b>
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<b>Product group</b>	Facade panels
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<b>Safety</b>	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.
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# Technical Data Sheet

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## StoVeneer Wood

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Detailed information can be found at [www.sto.de](http://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.

Sto SE & Co. KGaA  
Ehrenbachstr. 1  
79780 Stühlingen / Germany  
Phone: +49 7744 57-0  
Fax: +49 7744 57-2178  
[Infoservice.export@sto.com](mailto:Infoservice.export@sto.com)  
[www.sto.com](http://www.sto.com)