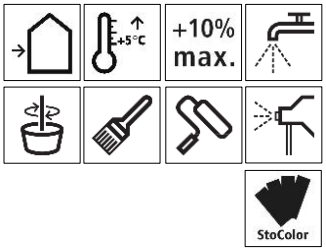
Building with conscience.

Technical Data Sheet

Sto-Primer

Filled, pigmented, organic undercoat



Characteristics

Area of application

- Exterior
- On mineral and organic substrates
- For organic and silicone resin renders
- For modified, mineral renders
- For dispersion silicate renders
- For finishing renders with Lotus-Effect® Technology

Properties

- Adhesion-promoting
- Absorbency-regulating
- Prolongs the open time of the finishing render during application
- Alkali-resistant
- Permeable to water vapour and CO_2
- Pigmented

Appearance

- Filled

Information /notes

- only weather-resistant to a limited extent without a finishing coat

Technical Data

Criteria	Standard / test specification	Value/ Unit	Notes
Density	EN ISO 2811	1.4 - 1.6 g/cm³	
Diffusion-equivalent air layer thickness	EN ISO 7783	0.21 - 0.32 m	V2 medium
Water vapour diffusion-equivalent air layer thickness µ	EN ISO 7783	3,200	
Grain size		500 µm	

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, dry, clean, load-bearing, and free from sinter layers, efflorescence and release agents.

Observe the drying times of the base coats before overcoating. Curing of new mineral base coats takes approx. one day per 1 mm layer thickness. The information on reworking contained in the technical data sheets for base coats applies.

Preparations

Check whether existing coatings are load-bearing. Remove any non load-bearing or structurally weak coatings.

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Application

Application temperature

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

Material preparation

Stir the material well before application.
The product is ready-to-use.
Dilute with max. 10 % water depending on the substrate.

Recommendation: Dilute the material with max. 5 % water to sustainably delay any calcium carbonate efflorescence from the mineral substrates.

Consumption

Type of application	Approx. consumption
As intermediate coat	0.30 kg/m²

Material consumption depends on the application, substrate, and consistency, among other factors. The stated consumption values are only to be used as a guide. If required, determine precise consumption values on the basis of the specific project.

Coating build-up

Substrate coating:
Depending on the type and condition of the substrate.
Strongly absorbent substrates: prime with StoPlex W or StoPrim Micro.

Intermediate coat:
Sto-Primer in the colour shade of the finish

Finish:
Finishing render with Lotus-Effect®® Technology, silicone resin and organic Finishing renders, dispersion silicate renders, and modified, mineral plasters

Application

By paint brush, by roller
By airless spray-gun - to a limited extent only

Drying, curing, ready for next coat

The product dries physically, in that water evaporates.

High humidity, low temperature and reduced air exchange prolong the drying time.

At +20 °C temperature (air and substrate) and 65 % relative air humidity: over-coatable after approx. 12 hours

Cleaning the tools

Tools must be cleaned immediately after use with cleaning water

Notes, recommendations, special information, miscellaneous

Please consult the local sales office for further information and any site assistance required.

Delivery

Colour shade

White, tintable in accordance with the StoColor System

Tintable

Possible to tint with max. 1 % StoTint Aqua.

Packaging

Article number	Name	Packing
00801-126	Sto-Primer	23 kg

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Storage	
Storage conditions	Store in cool dry conditions; avoid direct sunlight.
Storage life	The quality of the material in its original container is guaranteed for the maximum stated storage life. The storage life information is included in the batch number on the container. Batch number explanation: Number 1 = the last number of year, numbers 2 + 3 = a week i.e.: 1450013223 – stock date until the 45th week of the year 2021
Identification	
Product group	Primer
Safety	Please refer to Safety Data Sheet.
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 www.sto-sea.com.

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*Product images may differ from the actual product.