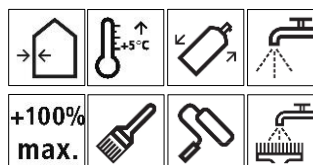


Technical Data Sheet

StoPrim Silikat

Water-based silicate deep-acting primer



Characteristics

Area of application

- Exterior and interior
- For mineral substrates
- As a priming coat before subsequent emulsion silicate coatings

Properties

- Silicate deep-acting primer
- Water-dilutable
- Absorbency-regulating
- Surface-consolidating
- Adhesion-promoting
- Good penetration capacity

Appearance

- Transparent

Information / Notes

- Dilute primer with water if necessary, so that it does not dry glossy
- Protect sensitive areas (glass, marble, varnished surfaces or those to be varnished, etc.)

Technical Data

| Criteria | Standard / test specification | Value/ Unit | Notes |
|----------|-------------------------------|-----------------------|-------|
| Density | EN ISO 2811 | 1.0 g/cm ³ | |

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

New substrates must set and cure for at least 14 days.

Preparations

Check existing coatings for their load-bearing capacity. Remove any non-load bearing or structurally weak coatings.

Application

Application temperature

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

Material preparation

Before applying the product, shake it thoroughly in its original container.

Depending on the absorption capacity of the substrate, the product is dilutable with water up to a mixing ratio of 1 : 1

Technical Data Sheet

StoPrim Silicate

| | | | |
|---|---|--------------------------------|----------------|
| Consumption | Type of application | Approx. consumption | |
| | Per paint coat | 0.15 - 0.60 lit/m ² | |
| 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. | | | |
| Application | <p>For highly absorbent and crumbling substrates, we recommend applying multiple coats wet-on-wet in order to achieve optimum depth of penetration and substrate consolidation.</p> <p>By paint brush, by roller, by airless spray-gun</p> <p>Apply the material, e.g. with a brush and work it in.</p> <p>Prime coatings must not form a glossy layer..</p> | | |
| Drying, curing, ready for next coat | <p>The product dries physically, in that water evaporates.</p> <p>High humidity, low air exchange, and low temperatures prolong the curing and drying time.</p> <p>At +20 °C temperature (air and substrate) and 65 % relative air humidity: over-coatable after approx. 12 hours.</p> | | |
| 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 | Colourless | | |
| Packaging | Article number | Name | Packing |
| | 00870-006 | StoPrim Silicate | 10 lit |
| Storage | | | |
| Storage conditions | Store in cool dry conditions; avoid direct sunlight. | | |
| Storage life | <p>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.</p> <p>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</p> | | |
| Identification | | | |
| Product group | Primer | | |
| Safety | Please refer to Safety Data Sheet. | | |

Technical Data Sheet

StoPrim Silicate

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.