

Jotashield SE Silicone Emulsion Primer

Type

This product is a colorless consolidant primer , unpigmented , based on a combination of silicone emulsions and micronized dispersion resins.

Features and benefits

It has excellent properties of penetration and consolidation, high permeability and is water repellent . It is used as a primer on all types of exterior masonry surfaces to consolidate friable materia , prior to final paint coat. It must be repainted exclusively with Jotashield SE Silicone Emulsion.

Recommended use

It is recommended as consolidating for the application of the following coats, such as plaster, concrete, prefabricated blocks, bricks and brickwork in general, especially for use in combination with the range of Jotashield SE Silicon Emulsion products. In case of cracked surfaces or uneven textures that need to be repaired, consult Jotun.

Product data

Solids	10 ± 2 volume%
VOC for Ready-for-Use Mixture	EU limit value for this product (cat. A/h):30 g/l (2010) . VOC max 30 g/l

Application data

The product can be applied by

Roller : Recommended.

Spray : Recommended.

Brush : Recommended to paint corners and edges.

Guiding data for airless spray

Nozzle tip	0.021" - 0.027"
Spray angle degrees	65°-80°
Pressure at nozzle	140 - 190 kg/cm ² (2100 psi)

Conditions during application

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying.

Film thickness per coat

Typical recommended range

Dry film thickness 30 - 40 µm

Wet film thickness 75 - 100 µm

Film thickness will vary and are calculated as an average.

Theoretical spreading rate 3,3 - 2,5 m²/l

Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.

Thinner

Water

Drying times

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with:

1. The surface should be dry and free from any contamination prior to application of the subsequent coat.
2. Recommended data given is, for recoating with the same generic type of paint.
3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

Relative Humidity (RH) 50 %

Substrate temperature	10 °C	23 °C	40 °C
Surface (touch) dry	2 h	1 h	0.5 h
Hard dry	8 h	6 h	4 h
Dry to over coat, minimum	4 h	2 h	1 h

Directions for use

Surface preparation

The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

Recommended paint system

Primer

Jotashield SE Silicone Emulsion Primer : 1 coat

Topcoat

Jotashield SE Silicone Emulsion : 2 Coats

Remarks

Other systems may be specified, depending on area of use.

Contents of packaging with different batch numbers must be mixed together before use.

Please refer to the Decorative Sales Department for technical advice.

Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Health and safety

Please observe the environmental and precautionary notices displayed on the container.

A Material Safety Data Sheet for the product has been issued.

Detailed information regarding health and safety risks and precautions for the use of this product is specified in the product's Safety Data Sheet.

First-aid measures, refer to section 4.

Handling and storage, refer to section 7.

Transport information, refer to section 14.

Regulatory information, refer to section 15.

Disclaimer

The information in this document is given to the best of Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.