

Jotun Bonding Primer

Product description

Type

This product is an alkali resistant, solvent based primer. Based on acrylic copolymer resin.

Features and benefits

Excellent penetration into the substrate there by providing the best adhesion. Offers best protection against alkali attack.

Recommended use

Specially formulated as a sealer or a primer on exterior surfaces. Especially for flex topcoat.

Substrate

On concrete, cement plaster and masonry surfaces.

Product data

Packaging size	5L and 20 L Packing may vary from country to country according to local requirements.
Colours	White
Solids by volume	34 ± 2 volume% Theoretical
Flash point	Closed cup: 40°C (104°F)

Application data

Remarks

Handle with care. Stir well before use.

Application equipment / methods

By brush, roller, airless spray or conventional spray.

Guiding data for airless spray

Nozzle tip	0.015–0.021"
Spray angle degrees	65–80°
Pressure at nozzle	150 kg/cm ² (2100 psi)

Cleaning of painting tools

Jotun Thinner No. 7

Spreading rate per coat

Theoretical 11.3 m²/l - 8.5 m²/l

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

Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa.

Recommended film thickness per coat

Wet 90 µm - 120 µm
Dry 30 µm - 40 µm

Film thickness will vary and is calculated as average.

Thinner

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Dilution

Maximum 10 %

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.

Drying times

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

1. Recommended data given is, for recoating with the same generic type of paint.
2. In case of multi-coat application, drying times will be influenced by the number and sequence and by the total thickness of previous coats applied.
3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

The drying time is measured by stated values:

Relative Humidity (RH) 50 %

Substrate temperature	10 °C	23 °C	40 °C
Surface (touch) dry	6 h	3 h	1 h
Hard dry	10 h	5 h	3 h
Dry to over coat, minimum	8 h	4 h	2 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

Jotun Bonding Primer : 1 Coat

Topcoat

Jotashield Series, Majestic Series, Jotatough HiShield Series, or Jotun Essence Series : 2 Coats

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

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.

Shelf life at 23 °C

Jotun Bonding Primer 24 month(s)

In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.

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.