

## Jotashield Primer

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### Product description

#### Type

A premium water-based acrylic primer that serves a foundation for Jotashield paint systems to deliver high performance and improve the appearance of the paint.

#### Features and benefits

Alkaline Resistance - It seals off the substrate to resist alkaline and moisture attack to minimize efflorescence and discoloration.

Superb Adhesion - Creates a foundation layer that improves adhesion and paint performance to reduce the possibility of flaking and peeling.

Water Resistant - Resist water ensuring less stain marks.

Formulated without Harmful Chemicals - Free from harmful chemicals and emissions such as APEO, formaldehyde and heavy metals.

#### Recommended use

For exterior application

#### Substrate

On concrete, masonry, plaster & brick work surfaces

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### Product data

**Packaging size** Packing may vary from country to country according to local requirements.

**Colours** White

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### Application data

#### Remarks

Handle with care. Stir well before use.

#### Application methods

By brush, roller, airless spray or conventional spray.

#### Guiding data for airless spray

**Nozzle tip** 0.021" - 0.027"  
**Spray angle degrees** 65-80°  
**Pressure at nozzle** 140 - 190 kg/cm<sup>2</sup> (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. The moisture content in the substrate should not exceed 4 % (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

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### Recommended film thickness per coat

<b>Dry</b>	Minimum	30 µm
<b>Dry</b>	Maximum	40 µm
<b>Wet</b>	Minimum	93 µm
<b>Wet</b>	Maximum	125 µm

Film thickness will vary and is calculated as average.

### Spreading rate per coat

<b>Theoretical</b>	8 - 10,7	m <sup>2</sup> /l
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Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.

### Thinner

Water

### Dilution

The paint is ready to use after proper stirring. If thinning is required, water may be added up to a maximum of 5%.

### 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:

Good ventilation (Outdoor exposure or free circulation of air)

Typical film thickness

One coat on top of inert substrate

The given data must be considered as guidelines only. The actual drying time and time before recoating may be shorter or longer, depending on the ambient temperature, film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameters and special conditions could be included.

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.

<b>Relative Humidity (RH)</b>	50 %	50 %	50 %
<b>Substrate temperature</b>	10 °C	23 °C	40 °C
<b>Surface (touch) dry</b>	2 h	1 h	0.5 h
<b>Hard dry</b>	8 h	6 h	4 h
<b>Dried to over coat, minimum</b>	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 foam release 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 Primer : 1 Coat(s)

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## Topcoat

Jotashield (New) series : 2 Coat(s)

## 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.

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## Tests

Complies to Singapore Green Label and Eco-Sirim Label.

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## 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.

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## 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.