

## Jotashield Alkali Resistant Primer (I)

### Product description

#### Type

This product is a superior quality alkali resistant water based primer. Based on acrylic copolymer emulsion.

#### Features and benefits

Provides an excellent base for subsequent coats. Excellent penetration into the substrate there by providing the best adhesion. Offers best protection against alkali attack. Resistant to algae and fungus.

#### Recommended use

Ideal for priming exterior surfaces.

#### Substrate

Cement plaster, concrete, block work, rendered surfaces, gypsum board etc.

### Product data

|                         |                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Packaging size</b>   | 1 L, 4 L and 20L.                                                                                                                                |
| <b>Colours</b>          | White                                                                                                                                            |
| <b>Solids by volume</b> | 40 ± 2 volume% Theoretical                                                                                                                       |
| <b>Specific gravity</b> |                                                                                                                                                  |
| <b>VOC</b>              | 6 g/l ISO 11890 EU                                                                                                                               |
| <b>VOC comments</b>     | This is the theoretical value. Tested value will vary depending on test methodology, accuracy of equipment used for testing and test conditions. |

### Application data

#### Remarks

Handle with care. Stir well before use.

#### The product can be applied by

Roller : Recommended.

Brush : Recommended to paint corners and edges.

Spray : Use airless spray or conventional spray.

#### Film thickness per coat

##### Typical recommended range

Dry film thickness 25 - 35 µm

Wet film thickness 65 - 90 µm

Film thickness will vary and is calculated as average.

Theoretical spreading rate 9.2 - 12.5 m<sup>2</sup>/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. The average spreading rate per coat can be confirmed at site by a trial application.

# Technical Data Sheet

## Jotashield Alkali Resistant Primer (I)



### Thinner

Water

### Dilution

Maximum 40 %

### 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. The figures given in the table are typical with:

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 | 6 h   | 3 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 Alkali Resistant Primer (I) : 1 Coat(s)

#### Topcoat

Durosan 03 Exterior Matt(I) or Jotashield : 2 Coat(s)

### 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.