# Jotashield Exterior Primer

## Product description

### Type

A premium exterior primer based on a special acrylic binder.

### Features and benefits

It seals off the substrate to resist alkali and moisture, while promoting good adhesion between the topcoat and substrate.

It is 100% free from harmful chemicals such as Alkylphenol Ethoxylates (APEO), formaldehyde and heavy metals.

### Recommended use

Specially formulated used as a sealer or a primer for exterior ambiances.

### Substrate

On concrete, masonry, plaster and brickwork.

## Product data

| | |
|---|---|
| **Packaging size** | 5L and 15 L |
| **Colours** | White |
| **Solids by volume** | 31 ± 2 volume% |
| | 1.26 Theoretical only for white colour. |
| | Theoretical only for white colour. |
| **Flash point** | Not available. |

## 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** | 0.021–0.027" |
| **Spray angle degrees** | 65–80° |
| **Pressure at nozzle** | 140 - 190 kg/cm² (2100 psi) |



This Technical Data Sheet supersedes those previously issued.

The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Safety Data Sheet (SDS) for this product. For your nearest local Jotun office, please visit our website at www.jotun.com.

## Spreading rate per coat

| | | | | | |
|---|---|---|---|---|---|
| **Theoretical** | 10.61 | m²/l | - | 8 | m²/l |

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

## Recommended film thickness per coat

| | | | | | |
|---|---|---|---|---|---|
| **Wet** | 94 | µm | - | 126 | µm |
| **Dry** | 30 | µm | - | 40 | µm |

Film thickness will vary and is calculated as average.

## 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%.

## 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:
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.
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** | 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



This Technical Data Sheet supersedes those previously issued.

The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Safety Data Sheet (SDS) for this product. For your nearest local Jotun office, please visit our website at www.jotun.com.

### Primer
Jotashield Exterior Primer : 1 coat

### Topcoat
Jotashield (C) : 2 coats

### Remarks
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.

## Certificates
GB24408-2009 limit of harmful substances of exterior wall coatings.
JG/T 210-2018 Primer for interior and exterior walls.

## 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.



This Technical Data Sheet supersedes those previously issued.

The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Safety Data Sheet (SDS) for this product.
For your nearest local Jotun office, please visit our website at www.jotun.com.