

Jotashield Heritage Primer Clear

Product description

Type

A premium exterior primer based on a special acrylic binder.

Features and benefits

It has excellent properties of penetration and consolidation. It seals off the substrate to resist alkali and moisture, while promoting good adhesion between the topcoat and substrate. It is a water-based, environment-friendly primer. 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 surfaces and brick work.

Product data

Packaging size	25 kg
Solids by volume	19 ± 2 volume% Theoretical
Specific gravity	1,02 Theoretical

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/cm ² (2100 psi)

Spreading rate per coat

Theoretical 9,66 m²/l - 12,8 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	77,6 µm - 103,5 µm
Dry	15 µm - 20 µm

Film thickness will vary and are calculated as an average.

Thinner

Water

Dilution

The paint is ready to use after proper stirring. No thinning is required.

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	4 h	1 h	1 h
Hard dry	8 h	4 h	2 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

Jotashield Heritage Primer Clear : 1 coat

Topcoat

Jotashield Heritage Liner : 2 Coats
Jotashield Heritage Sand : 2 coats
Jotashield Heritage Topcoat Clear : 1 coat

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 210-2007 Primer for interior and exterior wall.

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.