

## Jotun Essence Old Concrete Primer 2020

### Product description

#### Type

A synthetic acrylic solvent-based primer used for sealing chalky surfaces.

#### Features and benefits

For Chalky Walls - Ensures good adhesion of topcoat on chalky surfaces to give lasting paint performance  
Alkali resistant - Resists alkali attack that causes discoloration and improves the performance and appearance of the paint.  
Easy to apply - Effortless application without fuss.

#### Recommended use

For interior and exterior application, suitable for old chalky surfaces. Very porous surfaces should be treated until the surface is completely saturated.

#### Substrate

On concrete, masonry, plaster, brick work and soft board surfaces.

### Product data

<b>Packaging size</b>	Packing may vary from country to country according to local requirements. For Thailand: 3.785 L and 18.925 L
<b>Solids by volume</b>	11 ± 2 volume%

### Application data

#### Remarks

Handle with care. Stir well before use.

#### Application equipment / methods

By brush, roller, or conventional spray.

#### Guiding data for airless spray

<b>Nozzle tip</b>	0.013-0.021"
<b>Spray angle degrees</b>	65-80°
<b>Pressure at nozzle</b>	140 - 190 kg/cm <sup>2</sup> (2100 psi)

#### Spreading rate per coat

Normal masonry substrate as primer coat, Theoretical Spreading rate per coat (m<sup>2</sup>/l) : 3.7-11. Before application on large surfaces, it is best to carry out an impregnating test to determine consumption per meter sq. Recommended coverage is approx. 2 - 5 sqm/liter for impregnating purpose. Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.

#### Recommended film thickness per coat

<b>Wet</b>	91 µm - 273 µm
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**Dry** 10 µm - 30 µm

Film thickness will vary and is calculated as average.

### Thinner

Jotun Thinner No. 7

### Dilution

The paint is ready to use after proper stirring.

### 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
<b>Surface (touch) dry</b>	1.5 h	1 h	0.5 h
<b>Hard dry</b>	9 h	7 h	4 h
<b>Dry to over coat, minimum</b>	6 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 Essence Old Concrete Primer 2020 : 1 coat

#### Topcoat

Jotatough HiShield Series, Jotun Essence Series : 2 Coats

Remarks

For better efflorescence resistance:

Jotun Essence Old Concrete Primer : 1 Coat  
Jotun Essence Easy Primer : 1 Coat, followed by  
Jotatough HiShield Series, Jotun Essence Series : 2 Coats

### 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.

### Tests

Volume Solids % measured according to ISO 3233:1998 (E).

### 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.