

## Jotun I-05 Interior Paint

### Product description

#### Type

This product is formulated with cutting-edge Nordic low odour technology, produced by deionized water. It is low VOC, and is free from APEO, heavy metals, formaldehyde and other harmful substances. It provides good water and alkali resistance, and wet scrub resistance performance. It is easy to apply with excellent hiding power and high spreading ratio. With Jotun's True Colour Technology, it will beautify and protect your home for many years to come.

#### Features and benefits

True Colour Technology

APEO, Heavy Metal and Formaldehyde Free

Excellent Hiding Power

Low VOC

Excellent Wet Scrub Resistance

Water and Alkali Resistance

#### Recommended use

Ideal for interior surfaces.

#### Substrate

Putty, cement plaster, concrete, rendered block work etc.

### Product data

<b>Packaging size</b>	5L
<b>Colours</b>	White and as per colour card.
<b>Solids by volume</b>	34 ± 2 volume%

### Application data

#### Remarks

Handle with care. Stir well before use.

#### The product can be applied by

Roller : Recommended.

Brush : Recommended.

Spray : Recommended.

#### Guiding data for airless spray

<b>Nozzle tip</b>	0.021-0.027"
<b>Spray angle degrees</b>	65-80°

**Pressure at nozzle** 140 - 190 kg/cm<sup>2</sup> (2100 psi)

### Spreading rate per coat

**Theoretical** 12 m<sup>2</sup>/l - 10 m<sup>2</sup>/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** 83 µm - 100 µm

**Dry** 28 µm - 34 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 %**

<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>Dry 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 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 Interior Primer(C) : 1 Coat

#### Topcoat

Jotun I-05 Interior Paint : 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.

## Tests

GB/T 9756 Synthetic resin emulsion coatings for interior wall.

GB 18582: Indoor decorating and refurbishing materials-Limit of harmful substances of interior architectural coatings.

## 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)

# Technical Data Sheet

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version will prevail.