

## Jotashield Infinity

### Product description

#### Type

Jotashield Infinity gives your house the proven best protection in our harsh climate. Tested against other premium exterior paint brands and certified by independent laboratories, Jotashield Infinity has the longest lasting colours, superior durability and excellent dirt resistance. Jotun's most premium formulation, for the most meticulous homeowner.

#### Features and benefits

**Proven Durability:** Jotashield Infinity's best-in-class formula demonstrated excellent durability in external laboratory tests. The paint endures extreme weather, ensuring the exterior of your home will always look new and beautiful.

**Proven Colour Performance:** With the longest lasting colours in South East Asia, Jotashield Infinity ensures freshly painted exterior walls retain their tone and vibrancy over time. Enjoy and take pride in a home that looks new every day, no matter the weather.

**Proven Dirt Resistance:** Jotashield Infinity has good resistance against dust and ugly dirt marks caused by a combination of pollution and rain keeping your home exterior looking clean and fresh.

**Algae & Fungus Protection** - Prevents algae and fungus unlike any other exterior paint.

**Reduces Temperature** - Paint reflects sunlight therefore reducing the surface temperature and cools your homes or buildings.

**Water Resistant** - Resists water ensuring less stain marks.

**Formulated Without Harmful Chemicals** - Free from harmful chemicals such as APEO, formaldehyde, heavy metals and has low volatile organic compound (VOC).

#### Recommended use

For exterior application, suitable for new buildings or repainting.

#### Substrate

On concrete, masonry, plaster & brick work surfaces.

### Product data

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| <b>Packaging size</b>   | Packing may vary from country to country according to local requirements.                 |
| <b>Colours</b>          | As per the colour card and available in Jotun Multicolor tinting system (Exterior range). |
| <b>Solids by volume</b> | 38 ± 2 volume%                                                                            |

## 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 <sup>2</sup> (2100 psi) |

### Spreading rate per coat

|             |                                                |
|-------------|------------------------------------------------|
| Theoretical | 12.7 m <sup>2</sup> /l - 9.5 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 | 79 µm - 105 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.

Other Surfaces: The coating may be used on other substrates.

Please contact your local Jotun office for more information.

### Recommended paint system

#### Primer

Cito Primer 09 or Jotun Ultra Primer or Jotashield Primer or Jotun Bonding Primer : 1 coat

#### Topcoat

Jotashield Infinity : 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.

## Certificates

Complies to Singapore Green Label, Malaysia SIRIM Eco-Label and MS-SIRIM

## Tests

ASTM G154:06 QUV-A requirement on Colour Retention Resistance.

SS345:2015 (2021) requirement on Xenon-Arc Accelerating Weathering Exposure.

SS500:2002 requirement on Dirt Collection Index.

SS345:2015 (2021) requirement on Algae Resistance Test.

SS5:Part F5 (2013) requirement on Wet Scrub Resistance.

SS150: 2015 (Annex C) Mildew Resistance Test

Test on Heat Reflective Paint and Impact on Building Energy Consumption by Building System & Diagnostics (BSD), Singapore.

## 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.

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## 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.