# Jotashield Flex

## Product description

### Type

A premium exterior elastomeric wall coating with AntiFade Colours that fights colour fading caused by the weather elements and delivers outstanding durability. It is specially formulated to cover and prevent hairline cracks and provides waterproofing protection.

### Features and benefits

2xUV Protected colours - Colours last two times longer than other exterior paints.

Cover and Prevent Cracks - Flexible paint film to cover existing and forthcoming hairline cracks to protect the concrete structure from degradation.

Waterproof - Forms a barrier to resist rainwater penetration into the wall and yet capable of allowing moisture trapped in the concrete to escape.

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

Anti Algae & Anti Fungal - Long lasting protection against fungus and algae in tropical climates.

Dirt Resistance - Paint film resist dirt pick up from the environment.

Formulated without Harmful Chemicals - Free from harmful chemicals such as APEO, formaldhyde, 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

| | |
|---|---|
| **Packaging size** | Packing may vary from country to country according to local requirements. |
| **Colours** | As per the colour card and available in Jotun Multicolor tinting system (Exterior range). |
| **Solids** | 45 ± 2 volume% |

## Application data

### Application methods

By brush, roller, airless spray or conventional spray.

Use a honeycomb roller to achieve a textured orange peel effect.

### Guiding data for airless spray

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| **Nozzle tip** | 0.021" - 0.027" |

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

## 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.

## Recommended film thickness per coat

Dry film thickness : 60 - 90 microns (µm)
Wet film thickness : 133 - 200 microns (µm)

Film thickness will vary and is calculated as average.

## Spreading rate per coat

Theoretical Spreading rate per coat (m²/l) : 5 - 7.5

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

## Thinner

Water

## Dilution

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

## 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: 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.

| | | | |
|---|---|---|---|
| **Relative Humidity (RH)** | 50 % | 50 % | 50 % |
| **Substrate temperature** | 10 °C | 23 °C | 40 °C |
| **Surface (touch) dry** | 4 h | 2 h | 1 h |
| **Hard dry** | 12 h | 8 h | 6 h |
| **Dried 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 foam release 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 Ultra Primer or Cito Primer 09 or Jotashield Primer : 1 Coat(s)

### Topcoat

Jotashield Flex : 2 Coat(s) (min 150 µm DFT required for flexibility)

### 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

## Tests

Elongation and tensile strength according to SS500:2002 requirement and crack bridging test according to AS/NZS 4548.5 test method

Waterproof properties on water absorption and water vapour permeability according to SS500:2002 requirement

Dirt Collection Index according to SS500:2002 requirement

Algal Resistance Test according to SS500:2002 requirement

## 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.