

## Jotashield BridgeGuard

### Product description

#### Type

This product is based on a flexible, specially modified exterior/interior acrylic emulsion coating that forms part of a concrete protection coating system.

#### Features and benefits

Has the ability of bridging cracks and forms a seamless layer with excellent bonding.

#### Recommended use

Recommended for concrete protection on both, vertical and horizontal sections.

### Product data

<b>Packaging size</b>	18 L
<b>Colours</b>	Limited number of colors
<b>Solids by volume</b>	49 ± 2 volume% Theoretical
<b>Specific gravity</b>	1.37
<b>VOC</b>	21 g/l ISO 11890 EU

### Application data

#### The product can be applied by

Airless spray

#### Film thickness per coat

##### Typical recommended range

Dry film thickness 200 - 400 µm

Wet film thickness 400 - 800 µm

Film thickness will vary and is calculated as average.

Theoretical spreading rate 2.4 - 1.2 m<sup>2</sup>/l

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

#### Thinner

Water

#### Dilution

Maximum 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.

Moisture content in the substrate should be around 5% when tested with a moisture meter.

### Drying times

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

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	16 h	8 h	6 h
Hard dry	48 h	24 h	18 h
Dry to over coat, minimum	48 h	24 h	18 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. Prepare the substrate by carrying out sweep sand blasting or water jetting with a pressure of around 2500-3000 psi to remove all laitance and contamination, and provide a suitable surface profile. Any resulting dust/loose particles must be removed.

### Recommended paint system

#### Primer

Jotun Siloxane Acrylic Primer or Jotashield Penetrating Primer : 1 coat

#### Undercoat

Jotashield BridgeGuard, applied by airless spray at a DFT of 200-400 microns

#### Topcoat

Jotashield ColourLast Silk : 1 coat

To be applied by Conventional spray/ airless spray, at a DFT of 50- 60 microns

### Remarks

Handle with care. Stir well before use.

Contents of packaging with different batch numbers must be mixed together before use.

Please refer to the Decorative Sales Department for technical advice.

### 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.

---

## 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.