

# Technical Data Sheet



## Jotafloor Rapid Dry

### Product description

This is a one component oxidatively curing alkyd coating. It is fast drying and easy to apply. This product is tintable in a wide range of colours in Jotun's Multicolor Industry (MCI) system. It has good colour retention. If enhanced slip resistance is required Jotafloor Non Slip can be used in the system. To be used as primer and finish coat in atmospheric environments for properly prepared concrete substrates.

### Typical use

Designed for a range of floors with various levels of exposure. Designed for areas requiring a fast drying, easy to use, light duty floor coating where quick turn around is expected. Recommended areas include exhibition halls, interior floors, concert and sports venues.

### Colours

selected range of colours tinted over Multicolor Industry tinting system (MCI) selected range of colours

### Product data

| Property              | Test/Standard             | Description   |
|-----------------------|---------------------------|---------------|
| Solids by volume      | ISO 3233                  | 50 ± 2 %      |
| Gloss level (GU 60 °) | ISO 2813                  | gloss (70-85) |
| Flash point           | ISO 3679 Method 1         | 25 °C         |
| VOC-US/Hong Kong      | US EPA method 24 (tested) | 465 g/l       |

The provided data is typical for factory produced products, subject to slight variation depending on colour. Gloss description: According to Jotun Performance Coatings' definition.

### Film thickness per coat

#### Typical recommended specification range

|                            |          |                   |
|----------------------------|----------|-------------------|
| Dry film thickness         | 25 - 50  | µm                |
| Wet film thickness         | 50 - 100 | µm                |
| Theoretical spreading rate | 20 - 10  | m <sup>2</sup> /l |

### Surface preparation

To secure lasting adhesion to the subsequent product all surfaces shall be clean, dry and free from any contamination.

#### Surface preparation summary table

# Technical Data Sheet

## Jotafloor Rapid Dry



| Substrate                    | Surface preparation  |  |
|------------------------------|--|--|
|                              | Minimum  | Recommended  |
| Concrete and Coated surfaces | Clean, dry and undamaged compatible coating as per SSPC SP13/NACE NO 6 /ASTM D4258 -05 /ACI 503.6R-97/SSPC-TR 5/ICRI TECHNICAL GUIDELINE 03741/NACE02203 | Clean, dry and undamaged compatible coating as per SSPC SP13/NACE NO 6 /ASTM D4258 -05 /ACI 503.6R-97/SSPC-TR 5/ICRI TECHNICAL GUIDELINE 03741/NACE02203 |

## Application

### Application methods

The product can be applied by

- Spray: Use airless spray (thin 5 %).
- Brush: Recommended for stripe coating and small areas. Care must be taken to achieve the specified dry film thickness.
- Roller: May be used. Care must be taken to achieve the specified dry film thickness.

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. The moisture content in the substrate should not exceed 4 % (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

### Product mixing

Single pack

### Thinner/Cleaning solvent

Thinner: Jotun Thinner No. 7

### Guiding data for airless spray

Nozzle tip (inch/1000): 15-19

Pressure at nozzle (minimum): 150 bar/2100 psi

## Drying and Curing time

| Substrate temperature     | 5 °C   | 10 °C  | 23 °C  | 40 °C  |
|---------------------------|--------|--------|--------|--------|
| Surface (touch) dry       | 60 min | 30 min | 20 min | 15 min |
| Walk-on-dry               | 4 h    | 1 h    | 1 h    | 1 h    |
| Dry to over coat, minimum | 3 h    | 2.5 h  | 2 h    | 1 h    |

## Technical Data Sheet

### Jotafloor Rapid Dry



Surface (touch) dry: The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness.

Walk-on-dry: Minimum time before the coating can tolerate normal foot traffic without permanent marks, imprints or other physical damage.

Dry to over coat, minimum: The shortest time allowed before the next coat can be applied.

## Packaging (typical)

|                     | <b>Volume<br/>(litres)</b> | <b>Size of containers<br/>(litres)</b> |
|---------------------|----------------------------|--|
| Jotafloor Rapid Dry | 5/20                       | 5 / 20                                 |

The volume stated is for factory made colours. Note that local variants in pack size and filled volumes can vary due to local regulations.

## 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.

### Shelf life at 23 °C

Jotafloor Rapid Dry 24 month(s)

In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.

## Caution

This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to Jotun's technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to the responsible Jotun representative for approval before commencing the work.

## Health and safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

## Colour variation

When applicable, products primarily meant for use as primers or antifouling may have slight colour variations from batch to batch. Such products may fade and chalk when exposed to sunlight and weathering.

# Technical Data Sheet

## Jotafloor Rapid Dry



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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.

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