

# Technical Data

## Jotun Siloxane Acrylic Primer



### Product description

Jotun Siloxane Acrylic Primer is based on a silane siloxane and an acrylic resin.

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### Recommended use

Jotun Siloxane Acrylic Primer penetrates the concrete, cement plaster or masonry and it impregnates the host substrate to form a hydrophobic barrier which cures with the influence of atmospheric humidity and condenses to a tack free film. Stones, bricks and masonry treated with Jotun Siloxane Acrylic Primer will act repulsive to water.

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### Film thickness and spreading rate

	Minimum	Maximum	
Film thickness, dry ( $\mu\text{m}$ )			
Film thickness, wet ( $\mu\text{m}$ )			
Theoretical spreading rate ( $\text{m}^2/\text{l}$ )	8	10	Depending on substrate.

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### Physical properties

Colour	Clear liquid.
Solids (vol %)*	$11 \pm 2$
Flash point	$35^\circ\text{C} \pm 2$ (Setaflash)

\*Theoretically calculated

VOC: 739 gms/lit (theoretical) when measured as per ISO EU.

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### Surface preparation

The substrate must be sound, clean, dry, free from dust, oil, grease and laitance etc. All traces of release agents must be removed. On chalky and dusty surfaces, all loose material must be removed by stiff bristle brushing.

#### Other surfaces

The coating may be used on other substrates. Please contact your local Jotun office for more information.

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## Condition during application

The temperature of the substrate should be min. 10°C and min. 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate.

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## Application methods

<b>Spray</b>	Conventional air-atomised, airless spray or air-assisted airless.
<b>Brush</b>	Recommended.
<b>Roller</b>	Recommended.

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## Application data

<b>Thinner/Cleaner</b>	Jotun Thinner No. 2
<b>Guiding data airless spray</b>	
<b>Pressure at nozzle</b>	15 MPa (150 kg./cm <sup>2</sup> 2100 p.s.i.).
<b>Nozzle tip</b>	0.013" - 0.018" (0.33 mm - 0.46 mm).
<b>Spray angle</b>	40° - 80°
<b>Filter</b>	Check to ensure that filters are clean.

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## Drying time

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
- \* Relative humidity 70%

<b>Substrate temperature</b>	<b>10°C</b>	<b>23°C</b>	<b>40°C</b>
<b>Surface dry</b>	5 h	3 h	1 h
<b>Through dry</b>	10 h	6 h	2 h
<b>Dry to recoat, minimum <sup>1</sup></b>	10 h	6 h	2 h
<b>Dry to recoat, maximum <sup>2,3</sup></b>			

1. Recommended data given 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 – reference is made to the corresponding system data sheet.
3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

The given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameters and special conditions could be included.

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## Typical paint system

Jotun Siloxane Acrylic Primer

1 x Coat

Please refer to the Decorative Sales Department for technical advice.

Other systems may be specified, depending on area of use

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## Storage

The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

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## Handling

Handle with care. Stir well before use.

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## Packing size

18 litre container.

Packing may vary from country to country according to local requirements.

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## Health and safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale 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.

**For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.**

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## DISCLAIMER

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product can be used under conditions beyond our control, we can only guarantee the quality of the product itself. We also reserve the right to change the given data without notice. Minor product variations may be implemented in order to comply with local requirements.

If there is any inconsistency in the text the English (UK) version will prevail.

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