

# Technical Data

## Jotafloor SF Primer



### Product description

Jotafloor SF Primer is a transparent two-pack epoxy primer exhibiting excellent penetration properties to ensure good adhesion between Jotafloor products and host masonry surfaces.

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### Recommended use

Primer/sealer on concrete masonry, normally under Jotafloor Topcoat, Jotafloor SL Universal and Jotafloor Coating.

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### Film thickness and spreading rate

	Minimum	Maximum	Typical
Film thickness, dry (µm)	50	200	100
Film thickness, wet (µm)	50	200	100
Theoretical spreading rate (m <sup>2</sup> /l)	20	5	10

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### Physical properties

Colour	Transparent
Solids (vol %)*	98 ±
Flash point	> 100°C (Setaflash)
VOC	1 gms/ltr UK-PG6/23(97). Appendix 3
Gloss	Glossy
Water resistance	Excellent
Abrasion resistance	Excellent
Solvent resistance	Excellent
Chemical resistance	Excellent Check chemical resistance values in Jotafloor chemical resistance chart.

\*Measured according to ISO 3233:1998 (E)

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### Surface preparation

All concrete damaged by exposure to chemicals, contaminated by any substance or unsound in any way, shall be removed to expose sound concrete.

### Other surfaces

Concrete surface preparation by using dust free captive blasting units, grinding equipment, sand blasting or high pressure water jetting is critical to achieving the right surface profile prior to paint application. Contact your local Jotun office for more information.

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 minimum 10°C and at least 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate. The moisture content in the concrete should not exceed 4 % (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

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## Application methods

<b>Brush</b>	Recommended
<b>Roller</b>	Recommended

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## Application data

<b>Mixing ratio (volume)</b>	2:1
<b>Mixing</b>	2 parts Comp. A (base) to be mixed thoroughly with 1 part Jotafloor SF Primer, Comp. B (curing agent). NO PART MIXING
<b>Pot life (23°C)</b>	Jotafloor SF Primer Comp. B (20) 10 min. (30 min. after poured on to the floor). Jotafloor SF Primer Comp. B (40) 20 min. (45 min. after poured on to the floor).
<b>Thinner/Cleaner</b>	Jotun Thinner No. 17

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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

<b>Substrate temperature</b>	<b>15°C</b>	<b>23°C</b>	<b>40°C</b>
<b>Surface dry</b>	7 h	5 h	3 h
<b>Through dry</b>	25 h	16 h	9 h
<b>Cured</b>	10 d	7 d	4 d
<b>Dry to recoat, minimum</b>	24 h	15 h	6 h
<b>Dry to recoat, maximum <sup>1</sup></b>	72 h	48 h	30 h

**Curing agent comp. B (40):**

<b>Substrate temperature</b>	<b>15°C</b>	<b>23°C</b>	<b>40°C</b>
<b>Surface dry</b>	12 h	10 h	6 h
<b>Through dry</b>	42 h	30 h	18 h
<b>Cured</b>	12 d	9 d	3 d
<b>Dry to recoat, minimum</b>	32 h	24 h	10 h
<b>Dry to recoat, maximum <sup>1</sup></b>	96 h	72 h	36 h

1. The surface should be free from chalking and contamination prior to application. If the maximum dry to recoat time is exceeded, please contact Jotun Paints for advice.

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

<b>Jotafloor SF Primer</b>	<b>1 - 2 x 100 µm</b>	<b>(Dry Film Thickness)</b>
Jotafloor SL Universal	1 x 2000 µm	(Dry Film Thickness)
or		
<b>Jotafloor SF Primer</b>	<b>1 - 2 x 100 µm</b>	<b>(Dry Film Thickness)</b>
Jotafloor Topcoat	1 - 2 x 50 µm	(Dry Film Thickness)

**Note:** Thickness of the finished system will vary depending on use of the finished floor. Consult your local Jotun Office for 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

13 litres Comp. A (base) in a 20 litre container and 6,5 litres Jotafloor SF Primer, Comp. B (curing agent) in a 10 litre container.

or

3,33 litres Comp. A (base) in a 5 litre container and 1,67 litres Jotafloor SF Primer, Comp. B (curing agent) in a 3 litre container.

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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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