

# Technical Data

## JOTAFLOOR SEALER



### Product description

Jotafloor Sealer is a transparent two-pack epoxy sealer/primer exhibiting excellent penetration properties to ensure good adhesion between Jotafloor products and most masonry surfaces.

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### Recommended use

As a sealer/primer for subsequent Jotafloor products or for use independently as a dust binder for concrete floors.

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### Film thickness and spreading rate

	Minimum	Maximum	Typical
Film thickness, dry ( $\mu\text{m}$ )	30	50	40
Film thickness, wet ( $\mu\text{m}$ )	80	130	100
Theoretical spreading rate ( $\text{m}^2/\text{l}$ )	12,5	7,7	10

### Comments

Substrate porosity and profile will affect practical coverage rates.

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### Physical properties

Colour	Transparent
Solids (vol %)*	40 $\pm$ 2
Flash point	25°C $\pm$ 2 (Setaflash)
Gloss	Glossy
Water resistance	Very good
Solvent resistance	Excellent
Chemical resistance	Excellent Check chemical resistance values in Jotafloor chemical resistance chart.
Flexibility	Good

\*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.

#### Coated surfaces

Clean, dry and undamaged compatible primer. Contact your local Jotun office for more information.

## 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. Good ventilation is usually required in confined areas to ensure proper drying. 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

Spray	Use airless spray or conventional spray
Brush	Recommended for stripe coating and small areas, care must be taken to achieve the specified dry film thickness.
Roller	May be used. However when using roller application care must be taken to apply sufficient material in order to achieve the specified dry film thickness.

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## Application data

Mixing ratio (volume)	4 parts Comp. A (base) to be mixed thoroughly with 1 part Comp. B (curing agent). NO PART MIXING
Mixing	½ hour prior to use.
Pot life (23°C)	8 hours (reduced at higher temp.)
Thinner/Cleaner	Jotun Thinner No. 17
Guiding data airless spray	
Pressure at nozzle	15 MPa (150 kp/cm <sup>2</sup> 2100 psi)
Nozzle tip	0.46 - 0.58 mm (0.018-0.023")
Spray angle	40-80°
Filter	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

Substrate temperature	10°C	23°C	40°C
Surface dry	2 h	1 h	0.5 h
Through dry	14 h	6,5 h	3 h
Cured	14 d	7 d	2 d
Dry to recoat, minimum	8 h	4 h	1,5 h

1. The surface should be free from chalking and contamination prior to application. Best intercoat adhesion occurs when the subsequent coat is applied before the preceding coat has cured.



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