

Technical Data

Jotafloor Sealer WB



Product description

Jotafloor Sealer WB is a single component, fast drying, clear sealer, with nano sized emulsion particles. The nano sized emulsion particles helps in better penetration and sealing of the substrate.

Recommended use

Ideal for concrete floors to provide very good adhesion between the substrate and the topcoat. Jotafloor Sealer is part of Jotafloor Rapid Dry WB floor coating system and suitable for foot traffic and light duty floors. It can also be used independently as a dust binder for concrete floors.

Film thickness and spreading rate

	Minimum	Maximum	Typical
Film thickness, dry (µm)	15	25	20
Film thickness, wet (µm)	60	105	80
Theoretical spreading rate (m ² /l)	16	9,6	12

Comments

Substrate porosity and profile will affect practical coverage rates.

Physical properties

Colour	Transparent
Solids (vol %)*	24 ± 2
Flash point	N/A
VOC	0 gms/ltr UK-PG6/23(97). Appendix 3
Water resistance	Good

*Measured according to ISO 3233:1998 (E)

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 laitance must be removed either by blasting or grinding. The substrate must be sound, clean and dry.

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

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.

Application methods

Brush Recommended.
Roller Recommended.

Application data

Mixing ratio (volume) Single Pack
Thinner/Cleaner Water

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	45 min	0.5 h
Through dry	4 h	2 h	1 h
Dry to recoat, minimum	4 h	2 h	1 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.

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.

Typical paint system

As dust binder:

Jotafloor Sealer WB Nominal

For coloured finish:

Jotafloor Sealer WB 1 Coat
Jotafloor Rapid Dry WB 2 - 3 x 35 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

Storage

The product must be stored above 0°C and in accordance with national regulations, subject to re-inspection thereafter. 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.

Handling

Handle with care. Stir well before use.

Packing size

5 & 20 litre containers

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.

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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