



JOTUN

JOTAFLOOR

WATERBORNE FLOOR COATING



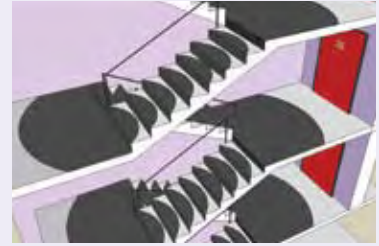
RAPID DRY WB

UNIQUE FEATURES

- Does not lose its colour or shine when exposed to sunlight
- Quick drying time enables 2 coats to be applied on the same day
- Stunning palette of more than 1000 colours

(For information on colour, visit the nearest Multicolor Centre or www.jotun.com)





- **COMMONLY USED IN**

Interior & Exterior Floors and Concrete Stairs,

Exhibition Halls, Event Venues, Concerts,

Sports Stadiums, Open Days, Factories, Warehouses,

Road Markings, Garage Floors, Showrooms etc.



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Jotafloor Rapid Dry WB is a premium quick drying floor coating, ideal for foot traffic areas and light duty floors. It helps to protect the floor surfaces from mild spillages, abrasion and other impacts. Its protective properties extend the life of the floors whilst the emulsion creates aesthetically pleasing effects in a variety of colours.

Environmentally Friendly

Harmful solvents have been replaced with natural water in Jotafloor Rapid Dry WB, making it safe and eco-friendly.

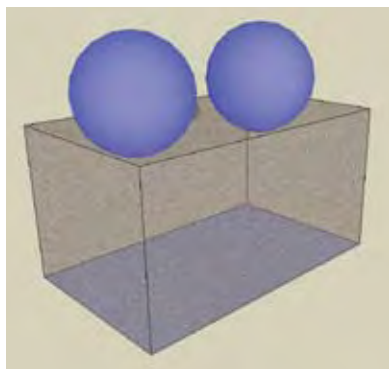




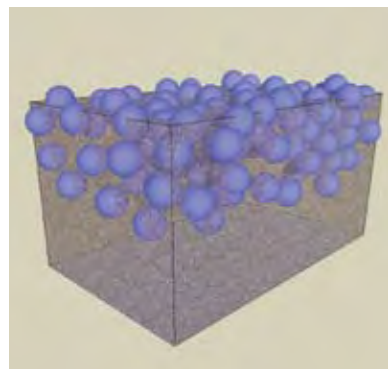
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- **NANO TECHNOLOGY**

Jotafloor Rapid Dry WB is Jotun's first product to be based on Nanotechnology. The particles being small, aids in better penetration into the concrete which helps with adhesion to the substrate. The coating produces low emissions and does not have a strong odour. What's more, it is more abrasion-resistant than the normal acrylic technology.



NORMAL ACRYLIC TECHNOLOGY
Has limited penetration to the substrate



NANO ACRYLIC TECHNOLOGY
Gives better penetration and therefore
better adhesion to the substrate

Home Friendly

Ideal as a general purpose floor coating, offering protection from mild spillages and domestic wear and tear.



Jotafloor Rapid Dry WB also helps build sustainable homes.

Whether it's painting interior or exterior floors of your home or even certain walls, Jotafloor is the ideal coating for high abrasive areas.

- **ANTIBACTERIAL (Reference #: ISO 22196:2007)**

Jotafloor Rapid Dry WB's antibacterial properties prevent fungus and bacteria from breeding on the surface.

- **EASY TO CLEAN**

Being 100% pure acrylic, Jotafloor Rapid Dry WB is easy to clean with water and does not react with day-to-day detergents.

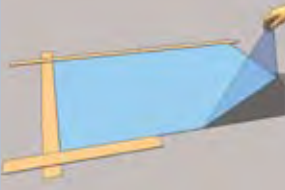




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Effective Systems

SYSTEM	NEW CONCRETE FLOOR	RE-COATING FLOOR
<p>SURFACE CONTROL</p> 	<p>Ensure the surface is free from spillage such as oil and grease. The substrate should not have more than 5% moisture and temperature should be min 10°C.</p> <p>Tip: Lay a plastic sheet on the concrete surface and remove after 24 hours. Dark footprints after the sheet is removed indicate high moisture.</p>	<p>Ensure the surface is free from spillage such as oil and grease by using a detergent. Remove any loose paint and follow procedures for the new concrete floor.</p>
<p>SURFACE PREPARATION</p> 	<p>Grind the surface to ensure optimal adhesion between the concrete surface and the floor coating. Vacuum clean before the application begins.</p> <p>Tip: Spray some water on to the surface. If the surface absorbs the water, it indicates good surface preparation.</p>	<p>Mildly grind or sand the surface to ensure optimal adhesion between the concrete surface and the floor coating.</p>
<p>APPLICATION</p> 	<p>Primer: 1 coat of Jotafloor Sealer WB Top Coat: 2 coats of Jotafloor Rapid Dry WB</p>	<p>2 coats of Jotafloor Rapid Dry WB</p>

TECHNICAL DATA

● FILM THICKNESS AND SPREADING RATE

	Minimum	Maximum	Typical
Film thickness, dry (μm)	25	50	35
Film thickness, wet (μm)	65	130	90
Theoretical spreading rate (m^2/l)	14.4	7.2	10.3

● PHYSICAL PROPERTIES

Colour	White and colours available in Jotun Multicolor Tinting System
Solids (vol %)*	36 ± 2
Flash point	N/A
VOC	1.3 lbs/gal (155 gms/ltr) USA-EPA Method 24
Gloss	Semigloss
Gloss retention	Good
Water resistance	Fair
Abrasion resistance	Good
Flexibility	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, should be removed to expose sound concrete.

● COATED SURFACES

Clean, dry and undamaged compatible primer.

● OTHER SURFACES

The surface must be sound, clean and dry. Any surface contamination to be removed by detergent and fresh water cleaning. 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 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 correct drying.

● APPLICATION METHODS

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. However when using roller, application care must be taken to apply sufficient material in order to achieve the specified dry film thickness.



● **APPLICATION DATA**

Mixing ratio (volume)	Single pack
Thinner/Cleaner	Water

● **AIRLESS SPRAY DATA**

Pressure at nozzle	15 MPa (150 kp/cm ² , 2100 psi)
Nozzle tip	0.43-0.48 mm (0.017-0.019")
Spray angle	40-80°
Filter	Check to ensure that filters are clean

● **DRYING TIME**

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. To ensure that the surface is cured thoroughly, do not stress the surface for a few days. 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	60 min	45 min	25 min
Through dry	4 h	2 h	1 h
Dry to recoat, minimum ¹	4 h	2 h	1 h

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.

- **TYPICAL PAINT SYSTEM**

Jotafloor Sealer WB 1 Coat
Jotafloor Rapid Dry WB 2-3 x 35 µm (Dry Film Thickness)
Other systems may be specified, depending on area of use

- **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.

- **HANDLING**

Handle with care. Stir well before use.

- **PACKING SIZE**

5 litres

- **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 is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice. Jotun is a World Wide company with factories, sales offices and stocks in more than 50 countries. For your nearest local Jotun address please contact the nearest regional office or visit our website at jotun.com

FOR 100% ACCURATE COLOUR INFORMATION, PLEASE REFER TO THE COLOUR CARD.

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