

## Jotafloor SL Pro

### Product description

This is a high performance three component solvent-free amine cured epoxy coating offering a seamless surface with its excellent self-levelling and self-smoothing properties. It is suitable for flooring areas requiring a hygienic environment, mechanical and chemical resistance with its excellent abrasion, impact, chemical and slip resistance properties. If enhanced slip-resistance is required, Jotafloor Non Slip Aggregate can be used in the system. Jotafloor SL Pro can be used as mid-coat as part of a complete multilayer system in atmospheric environments, suitable on approved primers on concrete substrates.

### Typical use

Suitable for a wide range of floors with various levels of mechanical and chemical exposure. Specially designed for industrial floors, laboratories, hospitals, food and beverage plants, kitchens, high tech manufacturing facilities, dairies, warehouses, factories and hangars. May be used as a scrape coat to cover minor undulations on the surface.

### Approvals and certificates

Additional certificates and approvals may be available on request.

### Colours

Selected range of colours

### Product data

Property	Test/Standard	Description
Solids by volume	ISO 3233	97 ± 2 %
Gloss level (GU 60 °)	ISO 2813	Gloss > 80
Flash point	ISO 3679 Method 1	100 °C
VOC-US/Hong Kong	US EPA method 24 (tested) (CARB(SCM)2007, SCAQMD rule 1113, Hong Kong)	95 g/l

The provided data is typical for factory produced products, subject to slight variation depending on colour.

Gloss description: According to Jotun Performance Coatings' definition.

### Film thickness per coat

#### Typical recommended specification range

Dry film thickness	500 - 5000 µm
Wet film thickness	500 - 5000 µm
Theoretical spreading rate	2 - 0.2 m <sup>2</sup> /l

If required, scratching application can be performed at 250 µm DFT.

Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during application etc. The actual spreading rate per coat may vary depending on the size of the Jotafloor Non Slip Aggregates used.

The product can be utilized without Jotafloor Non Slip Aggregate. Please consult Jotun for further details.

## Surface preparation

### Surface preparation summary table

Substrate	Surface preparation	
	Minimum	Recommended
Concrete and Coated surfaces	Clean, dry and undamaged compatible coating	Clean, dry and undamaged compatible coating

Laitance deposits are best removed by Planetary diamond disc grinder or by captive blasting followed by vacuum cleaning to remove dust debris. For old concrete, Jotun technical team should visit the site and appropriate surface preparation methodology should be recommended and that is to be followed.

## Application

### Application methods

The product can be applied by

Trowel: For thicknesses from 1.5 mm to 5 mm use a steel trowel or height adjustable steel spreader. For thicknesses from 250 µm to 500 µm the material should be spread out onto the floor using a flat edged trowel.

To avoid air bubbles, it is very important to pierce the coating with a spiked roller when desired film thickness is achieved.

Conditions during application :

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 4 % (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

This product should not be applied on to the surfaces which are known to, or likely to suffer from, rising dampness, potential osmosis problems or have a relative humidity greater than 80% as measured in accordance with BS 8203 Appendix A.

## Product mixing

Jotafloor SL Pro Comp A	3 part(s)
Jotafloor SL Pro Standard Comp B	1 part(s)
Jotafloor Non-Slip Aggregate Fine	2 part(s) (and/or 1:1 total weight of Comp A and Comp B)

If Jotafloor Non Slip Aggregate is not used or mixing ratio is changed, consult JOTUN.

NO PART MIXING.

Use a slow speed drill and mixing paddle.

The temperature of base and curing agent is recommended to be 10°C or higher when the product is mixed.

## Thinner/Cleaning solvent

Cleaning solvent : Jotun Thinner No. 17

**Thinning of the product is not recommended.**

## Drying and Curing time

Substrate temperature	10 °C	23 °C
Surface (touch) dry	10 h	5 h
Walk-on-dry	48 h	18 h
Dry to over coat, minimum	32 h	20 h
Dry to over coat, maximum, atmospheric	48 h	18 h
Dried/cured for service	7 d	3 d

Surface (touch) dry: The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness.

Walk-on-dry: Minimum time before the coating can tolerate normal foot traffic without permanent marks, imprints or other physical damage.

Dry to over coat, minimum: The recommended shortest time before the next coat can be applied.

Dry to over coat, maximum, atmospheric: The longest time allowed before the next coat can be applied.

Dried/cured for service: Minimum time before the coating can be permanently exposed to the intended environment/medium.

## Paint temperature

**23 °C**

### Jotafloor SL Pro

Pot life 30 min

Jotafloor SL Pro - 45 min. after poured on to the floor.

## Product compatibility

Depending on the actual exposure of the coating system, various primers and topcoats can be used in combination with this product. Some examples are shown below. Contact Jotun for specific system recommendation.

Previous coat: Epoxy  
Subsequent coat: Epoxy, polyurethane

## Packaging (typical)

	Volume (litres)	Size of containers (litres)
Jotafloor SL Pro Comp A	9	20
Jotafloor SL Pro Standard Comp B	3	5

The volume stated is for factory made colours. Note that local variants in pack size and filled volumes can vary due to local regulations.

## Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

### Shelf life at 23 °C

Jotafloor SL Pro Comp A	12 month(s)
Jotafloor SL Pro Standard Comp B	12 month(s)

In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.

## Green Building Standards

The declared product contributes to Green Building Standard credits by meeting the following specific requirements

LEED®v4 (2013) / LEED®v4.1 (2020)

EQ credit: Low emitting materials

- EU/EEA/Turkey: VOC content for Two-pack reactive performance coatings solvent based, for specific end use as floors (EU Directive 2004/42/CE) and emission less or equal 0.5mg/m<sup>3</sup> (CDPH method 1.2).

MR credit: Building product disclosure and optimization

- Material Ingredients, Option 2: Material Ingredient Optimization, International Alternative Compliance Path -

REACH optimization: Fully inventoried chemical ingredients to 100 ppm and not containing substances on the REACH Authorization list – Annex XIV, the Restriction list – Annex XVII and the SVHC candidate list.

- Environmental Product Declarations. Product-specific Type III EPD (ISO 14025;21930, EN 15804).

BREEAM® International (2021)

- Mat 01: Product-specific Type III EPD (ISO 14025;21930, EN 15804).

Additional certificates and approvals may be available on request.

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## Caution

This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to Jotun's technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to the responsible Jotun representative for approval before commencing the work.

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## Health and safety

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

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## Colour variation

When applicable, products primarily meant for use as primers or antifoulings may have slight colour variations from batch to batch. Such products and epoxy based products used as a finish coat may chalk when exposed to sunlight and weathering.

Colour and gloss retention on topcoats/finish coats may vary depending on type of colour, exposure environment such as temperature, UV intensity etc., application quality and generic type of paint. Contact your local Jotun office for further information.

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## Disclaimer

The information in this document is given to the best of Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.

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