

Jotafloor SF PR 150

Product description

This is a two component amine cured solvent free epoxy coating. It ensures very good adhesion on most concrete floors in atmospheric environments only. To be used as primer in atmospheric environments. Specially designed for high build floor coatings on properly prepared concrete floors and walls.

Typical use

It is a primer for all Jotafloor products. Specially designed for use with the traffic deck system for heavy duty traffic, areas such as ramps, car parks, parking bays, pedestrian walkways, roof decks and industrial floors. Recommended for cold stores, laboratories, hospitals, food and beverage plants, kitchens, high tech manufacturing facilities, dairies, warehouses, factories and hangars. This product when used with Jotafloor Non Slip Aggregates, is suitable for filling and repairing of cracks, undulations and surface imperfections.

Approvals and certificates

Additional certificates and approvals may be available on request.

Colours

Hazy

Product data

Property	Test/Standard	Description
Solids by volume	ISO 3233	98 ± 2 %
Gloss level (GU 60 °)	ISO 2813	semi gloss (35-70)
Flash point	ISO 3679 Method 1	100 °C
Density	calculated	1 kg/l

Region	Regulation	Test Standard	VOC Value
US	CARB(SCM)2020 / SCAQMD rule 1113	US EPA Method 24	65 g/l
EU	European Paint Directive 2004/42/CE	Calculated	153 g/l
EU IED	Industrial Emission Directive 2010/75/EU	Calculated	153 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	150 - 300	µm
Wet film thickness	150 - 300	µm
Theoretical spreading rate	6.7 - 3.3	m ² /l

Surface preparation

Surface preparation summary table

Substrate	Surface preparation	
	Minimum	Recommended
Concrete and Coated surfaces	Minimum 4 weeks curing. Moisture content maximum 5 %. Prepare the surface by means of enclosed blast shot or diamond grinding and other appropriate means to abrade the surrounding concrete and to remove laitance.	Minimum 4 weeks curing. Moisture content maximum 5 %. Prepare the surface by means of enclosed blast shot or diamond grinding and other appropriate means to abrade the surrounding concrete and to remove laitance.

Application

Application methods

The product can be applied by

Brush: Recommended

Roller: Recommended

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.

Product mixing ratio (by volume)

Jotafloor SF PR 150 Comp A	3 part(s)
Jotafloor SF PR 150 Comp B	1 part(s)

This is a two-component product supplied as the base (Comp A) and the hardener (Comp B). Part mixing of these components is still not acceptable and will affect both performance and appearance of the finished floor. Comp A consists of light weight silica particles which floats on the surface. Before adding Comp B (Hardener) into comp A, these aggregates needs to be uniformly dispersed by using a slow speed mechanical agitator for a period of 2 mins. Soon afterwards, add comp B and continue mixing for further 1 minute until a homogenous mixture is obtained.

Thinner/Cleaning solvent

Thinner: Jotun Thinner No. 17

Drying and Curing time

Substrate temperature	23 °C	40 °C
Surface (touch) dry	7 h	3 h
Walk-on-dry	10 h	4 h
Dry to over coat, minimum	10 h	4 h
Dry to over coat, maximum, atmospheric	36 h	8 h
Dried/cured for service	3 d	2 d

Application in external areas and above 40 °C consult with Jotun representative for guidance.

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.

Induction time and Pot life

Paint temperature	23 °C
Pot life	30 min.
40 min after poured on to the floor.	

Product compatibility

Previous coat: epoxy
Subsequent coat: epoxy, polyurethane

Packaging (typical)

	Volume (litres)	Size of containers (litres)
Jotafloor SF PR 150 Comp A	15	20
Jotafloor SF PR 150 Comp B	5	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, shaded, 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 SF PR 150 Comp A	24 month(s)
Jotafloor SF PR 150 Comp B	24 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

This product contributes to the Green Buildings Standard credits. Please see section Green Building Standards.

LEED®v4 .1 (2019):

EQ credit: Low emitting materials

- VOC content for Two-pack reactive performance coatings solvent based (500 g/l) (EU Directive 2004/42/CE) and emission lower than or equal to 0.5 mg/m³ (CDPH method 1.2).

LEED®v4 (2013) / LEED®v4 .1 (2019):

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 (2016)

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

BREEAM® International (2013)

Hea 02: VOC content for Two-pack performance Coatings SB (500 g/l) (EU Directive 2004/42/CE).

Additional certificates and approvals may be available on request.

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.

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.

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.

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.