Jotafloor Sealer

Product description

This is a two component amide cured epoxy coating. It is transparent. It exhibits excellent penetration properties to ensure good adhesion on most concrete floors in atmospheric environments only. Especially suited for properly prepared concrete substrates.

Typical use

It is a sealer for all Jotafloor products. Specially designed for use independently as a dust binder for concrete floors. Recommended for warehouses, garages, dairies, factories, laboratories, aircraft hangars, food, beverage and plant rooms.

Colours

transparent

Product data

Property	Test/Standard	Description
Solids by volume	ISO 3233	40 ± 2 %
Gloss level (GU 60 °)	ISO 2813	gloss (70-85)
Flash point	ISO 3679 Method 1	25 °C
Density	calculated	1 kg/l

Region	Regulation	Test Standard	VOC Value
US	CARB(SCM)2020 / SCAQMD rule 1113	US EPA Method 24	477 g/l
EU	European Paint Directive 2004/42/CE	Calculated	514 g/l
EU IED	Industrial Emission Directive 2010/75/EU	Calculated	514 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	30	-	50	µm
Wet film thickness	80	-	130	µm
Theoretical spreading rate	13.3	-	8	m²/l

This Technical Data Sheet supersedes those previously issued.

The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Safety Data Sheet (SDS) and the Application Guide (AG) for this product. For your nearest local Jotun office, please visit our website at www.jotun.com

Surface preparation

Surface preparation summary table

Substrate	Surface preparation	
	Minimum	Recommended
Coated surfaces and Concrete	Clean, dry and undamaged compatible coating as per SSPC SP13/NACE NO 6 /ASTM D4258 -05 /ACI 503.6R-97/SSPC-TR 5/ICRI TECHNICAL GUIDELINE 03741/NACE02203	Clean, dry and undamaged compatible coating as per SSPC SP13/NACE NO 6 /ASTM D4258 -05 /ACI 503.6R-97/SSPC-TR 5/ICRI TECHNICAL GUIDELINE 03741/NACE02203

Application

Application methods

The product can be applied by

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. Care must be taken to achieve the specified dry film thickness.

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 5 % (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

Product mixing ratio (by volume)

Jotafloor Sealer Comp A	4 part(s)
Jotafloor Sealer Comp B	1 part(s)

The temperature of base and curing agent is recommended to be 18 °C or higher when the paint is mixed.

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Thinner/Cleaning solvent

Cleaning solvent: Jotun Thinner No. 17

No dilution is required.

When thinners are used as a cleaning solvent, the use must be in accordance with prevailing local regulations.

Drying and Curing time

Substrate temperature	10 °C	23 °C	40 °C
Surface (touch) dry	2 h	1 h	30 min
Walk-on-dry	14 h	6.5 h	3 h
Dry to over coat, minimum	8 h	4 h	1.5 h
Dried/cured for service	14 d	7 d	2 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.

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	20 min

Product compatibility

Subsequent coat: epoxy, polyurethane

Packaging (typical)

	Volume (litres)	Size of containers (litres)
Jotafloor Sealer Comp A	4/16	5/20
Jotafloor Sealer Comp B	1/4	1/5

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

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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 Sealer Comp A	48 month(s)
Jotafloor Sealer Comp B	48 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.

Caution

This product is for professional use only. The applicator and operator 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 should 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 in 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 sought medical attention 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 data given 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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