

Jotafloor Filler

Product description

This is a two component non shrinking solvent free epoxy filler. It is high strength, providing the abrasion resistance and compressive strength higher than concrete. Suitable for properly prepared concrete surfaces. It can be applied on suitable primers and directly to concrete substrates and cures to a uniform smooth surface ready for over coating.

Typical use

Recommended as a filler for cracks, blow holes, spalls and other surface imperfections irregularities in concrete substrates prior to over coating with a suitable coating system. Can be applied with a trowel, putty knife or spatula.

Approvals and certificates

Additional certificates and approvals may be available on request.

Colours

grey

Product data

Property	Test/Standard	Description
Solids by volume	ISO 3233	98 ± 2 %
Flash point	ISO 3679 Method 1	100 °C
Density	calculated	1.8 kg/l
VOC-US/Hong Kong	US EPA Method (theoretical) (CARB(SCM)2007, SCAQMD rule 1113, Hong Kong)	68 g/l
VOC-EU	EU VOC Directive 2004/42/CE (theoretical)	68 g/l

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

Film thickness per coat

Typical recommended specification range

Dry film thickness	200 - 3000 µm
Wet film thickness	204 - 3061 µm
Theoretical spreading rate	4.9 - 0.32 m ² /l

Surface preparation

Surface preparation summary table

Substrate	Surface preparation	
	Minimum	Recommended
Concrete, Steel and Coated surfaces	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

Trowel: Recommended.

Product mixing ratio (by volume)

Jotafloor Filler Comp A 1.5 part(s)
Jotafloor Filler 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.

Care should be taken to ensure that Joatfloor Filler is thoroughly mixed to produce a fully homogeneous paste. The 6 ltr pack has been designed to be readily mixed by trowel at the ratio of 1.5 Comp A to 1part comp B. For larger area when more than one pack is to be mixed at a time, a slow speed mixing drill and sealant paddle is suitable. Mix until a smooth streak-free consistency is achieved.

Thinner/Cleaning solvent

Cleaning solvent : Jotun Thinner No. 17

Thinner not to be used to dilute the product.

Drying and Curing time

Substrate temperature	15 °C	23 °C	40 °C
Surface (touch) dry	24 h	12 h	6 h
Walk-on-dry	36 h	18 h	8 h
Dry to over coat, minimum	40 h	24 h	16 h
Dried/cured for service	14 d	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.

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	1 h

Product compatibility

Previous coat: epoxy

Subsequent coat: epoxy

Packaging (typical)

	Volume (litres)	Size of containers (litres)
Jotafloor Filler Comp A	2.4	4
Jotafloor Filler Comp B	1.6	2

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 Filler Comp A	12 month(s)
Jotafloor Filler 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

This product contributes to Green Building Standard credits by meeting the following specific requirements:

LEED®v4 (2013)

EQ credit: Low emitting materials

VOC content for Floor coatings (100 g/l) (CARB(CSM)2007) and emission lower than or equal to 0.5 mg/m³ (CDPH method 1.1).

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).

LEED® (2009)

IEQ Credit 4.2: The VOC requirements of SCAQMD Rule 1113, 2004.

BREEAM® International (2016)

Hea 02: Meets the VOC emission demands (ISO 16000-9/10 (2006) or CDPH method 1.1 (2010) and the VOC content demands for Two-pack reactive performance coatings (80 g/l).

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.
