

## Jotun Epoxy Putty Lite

### Product description

This is a two component light weight, non-slumping and non-shrinking solvent free polyamide epoxy filler. It is designed to adhere to damp surfaces and can be smoothed with water. It is high strength, providing the abrasion resistance and compressive strength higher than concrete. To be used as filler for variety of substrates and areas such as interior, exterior uneven surfaces, pitting corrosion, voids and hull repairs. Suitable for properly prepared concrete steel, aluminum, fiberglass, wood, glass, ceramic tiles and most other building materials.

### Typical use

Protective:

Suitable as filler as a part of a complete system exposed to a wide range of corrosive environments up to C5, CX (ISO 12944) and immersed. Recommended for onshore and offshore environments, water inlets, cooling pipes, bridges and general infrastructure buildings. Recommended as a filler for cracks, blow holes, spalls and other surface imperfections in concrete, steel and fiberglass substrates prior to over coating with a suitable coating system. Ideal for use on concrete substrates or concrete floors. Can be applied with a trowel, putty knife or spatula.

### Colours

off-white

### Product data

Property	Test/Standard	Description
Solids by volume	ISO 3233	98 ± 2 %
Density	calculated	1.09 kg/l

  

Region	Regulation	Test Standard	VOC Value
EU IED	Industrial Emission Directive 2010/75/EU	Calculated	0 g/l

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

## Film thickness per coat

### Typical recommended specification range

Dry film thickness	200 - 10000 µm
Wet film thickness	204 - 10204 µm
Theoretical spreading rate	4.9 - 0.1 m <sup>2</sup> /l

## Surface preparation

### Surface preparation summary table

Substrate	Surface preparation	
	Minimum	Recommended
Carbon steel	St 2 (ISO 8501-1)	Sa 2½ (ISO 8501-1)
Galvanised steel	The surface shall be hand or machine abraded with non-metallic abrasives or bonded fibre machine or hand abrasive pads to impart a scratch pattern to the surface.	Abrasive blast cleaning to achieve a surface profile using non-metallic abrasive media which is suitable to achieve a sharp and angular surface profile.
Shop primed steel	Dry, clean and approved inorganic zinc shopprimer.	Sweep blasted or alternatively blasted to Sa 2 (ISO 8501-1) of at least 70 % of the surface.
Coated surfaces	Clean, dry and undamaged compatible coating	Clean, dry and undamaged compatible coating
Concrete	Minimum 4 weeks curing. Moisture content maximum 5 %. Mechanically prepare the existing concrete surface by scabbling, needle gun, mechanical disc grinding.	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

Trowel: Trowel on to achieve the required thickness and smoothness.

Spatula or Putty knife:

Apply with suitable spatula or putty knife or scrapper and smoothen with water if needed.  
- Allow to cure for overnight (12-16 hrs ) prior to sanding for a smooth finish.

### Product mixing ratio (by volume)

Jotun Epoxy Putty Lite Comp A	2 part(s)
Jotun Epoxy Putty Lite Comp B	1 part(s)

### Thinner/Cleaning solvent

Thinner:	Water / Jotun Thinner No. 17
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### Drying and Curing time

Substrate temperature	10 °C	23 °C	40 °C
Surface (touch) dry	8 h	4 h	2 h
Walk-on-dry	60 h	24 h	12 h
Dry to over coat, minimum	24 h	6 h	4 h
Dried/cured for service	14 d	7 d	5 d

For maximum overcoating intervals, refer to the Application Guide (AG) for this product.

Drying and curing times are determined under controlled temperatures and relative humidity below 85 %, and at average of the DFT range for the product.

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	45 min

## 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, directly on prepared and recommended substrates, coated surfaces  
Subsequent coat: epoxy, epoxy mastic, polyurethane finish coat

## Packaging (typical)

	Volume (litres)	Size of containers (litres)
Jotun Epoxy Putty Lite Comp A	2	3
Jotun Epoxy Putty Lite Comp B	1	1

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

Jotun Epoxy Putty Lite Comp A	12 month(s)
Jotun Epoxy Putty Lite 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.

## 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.

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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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