Megafiller Deck

Product description

This is a two component epoxy fairing compound/filler. It is an ultra lightweight, solvent free product. It has excellent sanding properties, strong adhesion and minimal shrinkage. Suitable for correctly prepared primed surfaces on carbon steel, aluminium, composite and wood substrates.

Typical use

Deck areas below teak decking. Apply by trowel or fairing board to fair surface deflections of metal or composite substrates. This product should be sealed with a full layer of Megayacht epoxy primers prior to teak decking.

Colours

Light brown (after mixing brown comp A with white comp B)

Product data

Property	Test/Standard	Description
Solids by volume	ISO 3233	100 %
Flash point	ISO 3679 Method 1	130 °C
Density	calculated	0.6 kg/l

Region	Regulation	Test Standard	VOC Value
EU	European Paint Directive 2004/42/CE	Calculated	81 g/l
EU IED	Industrial Emission Directive 2010/75/EU	Calculated	81 g/l

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

All data is valid for mixed coating.

Film thickness per coat

Typical recommended specification range

Dry film thickness	1000	-	32000	µm
Wet film thickness	1000	-	32000	µm
Theoretical spreading rate	1	-	0.03	m²/l

This Technical Data Sheet supersedes those previously issued.

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In order to minimize shrinkage stress within the dry film typical DFT is recommended per application.
The maximum DFT must not be exceeded after multiple coat application.

For further advice please contact your local Jotun office.

Surface preparation

To secure lasting adhesion to the subsequent product all surfaces shall be sanded, clean, dry and free from any contamination.

Surface preparation summary table

Substrate	Surface preparation	
	Minimum	Recommended
Coated surfaces	Approved epoxy primer: Cleaning/abrading by orbital sanding or hand sanding with aluminium oxide or silicon carbide sand paper with grit P80-P120 is required, followed by vacuum cleaning. The minimum DFT of the existing primer, according to its relevant TDS, must remain after sanding. If required additional coats should be applied.	Freshly-applied Jotun Yachting epoxy primer: The coating should be clean, dry and undamaged. Remove any contamination prior to carrying out any operation; it is strongly recommended to promote adhesion by orbital sanding or hand sanding with aluminium oxide or silicon carbide sand paper with grit P80-P120. Cured Jotun Yachting epoxy primer: Exceeding maximum recoat intervals will require cleaning/abrading by orbital sanding or hand sanding with aluminium oxide or silicon carbide sand paper with grit P80-P120, followed by vacuum cleaning. Before sanding, check if the coating is clean, dry and undamaged. The minimum DFT of the existing primer, according to its relevant TDS, must remain after sanding. If required additional coats should be applied.

Optimum performance, including adhesion, corrosion protection, heat resistance and chemical resistance is achieved with recommended surface preparation.

Application

Application methods

The product can be applied by

Trowel, pallet knife, fairing board or other suitable tools.

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Product mixing ratio (by volume)

Megafiller Deck Comp A	1 part(s)
Megafiller Deck Comp B	1 part(s)

Product mixing ratio (by weight)

Megafiller Deck Comp A	1 part(s)
Megafiller Deck Comp B	1 part(s)

Mix the two components thoroughly until an even colour.

It is recommended that each component is thoroughly pre-mixed to a uniform consistency before mixing component A and B together. The components should be mixed together preferably at 15 °C - 25 °C. At lower temperatures the product thickens and is more difficult to mix.

Thinner/Cleaning solvent

Do not add thinner.

Cleaning solvent: Jotun Thinner No. 17

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

Drying and Curing time

Substrate temperature	15 °C	23 °C	35 °C
Surface (touch) dry	20 h	16 h	4 h
Dried/cured for sanding	48 h	22 h	16 h
Dried/cured for service	14 d	7 d	3 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 the typical DFT for the product.

For best possible adhesion and performance of the product, it is required to sand the filler between overcoating. See Surface Preparation section for more details.

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

Dried/cured for sanding: The state of drying when a paint film can be sanded without the sandpaper sticking or clogging.

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

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Induction time and Pot life

Paint temperature	23 °C
Pot life	30 min

Increase of temperature will reduce the pot life. Potlife is dependent on the amount mixed.

Shore D hardness

The Shore D values showed below refer to a fully-cured product (14 days at 20°C) with a min. 4 mm thickness. Please refer to ISO 868 for more details.

	Measure after 3 sec
Not sanded	31 ± 5
Sanded with P120	33 ± 5

Heat resistance

	Temperature	
	Continuous	Peak
Dry, atmospheric	120 °C	-

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

Additional information

INSTRUCTION FOR USE:
Before sealing with Megacote, for best results apply high-density epoxy finishing filler, Megafiller Smooth, onto any low areas and any pores on the surface of this product.

Packaging (typical)

	Volume (litres)	Size of containers (litres)

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Megafiller Deck Comp A	10	12
Megafiller Deck Comp B	10	12

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.

Store away from direct sunlight, at a temperature between 10 °C and 30 °C.

Shelf life at 23 °C

Megafiller Deck Comp A	24 month(s)
Megafiller Deck 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.

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

Colour variation may occur from batch to batch.

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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