

Technical Data

MEGAFILLER



Product description

Megafiller is two-pack solvent-free epoxy filler that allows very thick applications with minimal shrinkage. Because of its very low specific weight (SG 0.57), high thicknesses of Megafiller can be applied without significantly affecting the weight of the hull. Though hard and with high cohesive strength, Megafiller has outstanding sanding properties.

Recommended use

Megafiller has a very low water absorption and is therefore suitable for above and below-water application. Suitable as part of an epoxy coating system on metal, GRP or wood substrates.

Film thickness and spreading rate

	Minimum	Maximum	Typical
Film thickness, dry (µm)	5000	35000	10000
Film thickness, wet (µm)	5000	35000	10000
Theoretical spreading rate (m ² /l)	0,2	0,03	0,1

Comments

Application range up to 35 mm.

Physical properties

Colour	Turquoise
Solids (vol %)*	100 ± 0
Flash point	>56°C ± 2

*Measured according to ISO 3233:1998 (E)

Condition during application

Apply at a temperature between 10°C and 35°C. The temperature of the substrate should be minimum 3°C above the dew point of the air. The temperature and the relative humidity should be measured in the vicinity of the substrate.

Application data

Mixing ratio (volume)	1 part base + 1 part hardener. Mix the two components thoroughly, in their correct proportions with a knife until the colour is perfectly even
Pot life (23°C)	30 minutes
Cleaner	Jotun Thinner No. 17 to clean equipment
Note	This product shall not be thinned. May be sanded after 16-24 h (dependent on temperatures)

Drying time

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with:

- * Good ventilation (Outdoor exposure or free circulation of air)
- * Typical film thickness
- * One coat on top of inert substrate

Substrate temperature	10° C	23° C	35° C
Surface dry	24 h	16 h	4 h
Through dry	72 h	18 h	12 h
Cured	14 d	7 d	3 d
Dry to recoat, minimum	12 h	8 h	2 h
Dry to recoat, maximum ¹	90 h	72 h	48 h

- 1 Provided the surface is free from chalking and other contamination prior to application, there is normally no overcoating time limit. Best intercoat adhesion occurs, however, when the subsequent coat is applied before preceding coat has cured. If the coating has been exposed to direct sunlight for some time, special attention must be paid to surface cleaning and mattening/removal of the surface layer in order to obtain good adhesion.

The given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameters and special conditions could be included.

Instructions for use:

Clean, dry and undamaged primer or blast cleaning to Sa 2½ (ISO-8501-1:1998/SS 055900). Apply onto suitable undercoats such as **Megacote** or **Megaprimer**. Sand **Megafiller** before covering it (to help adhesion of the subsequent coat). For best results, cover with **Megafiller Smooth** then **Megaprimer**.

Storage

The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

Handling

Handle with care.

Packing size

20 L Comp. A and 20 L Comp. B

Packing may vary from country to country according to local requirements.

Health and safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale 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.

For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.

DISCLAIMER

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.

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