

EPOMAST EVO

TECHNICAL DATA SHEET

Product description

Filler of the latest generation. The technology involved in its creation guarantees its perfect structural homogeneity and the absence of air bubbles. Its strengths are: ease of application, good sandability, as well as excellent flexibility, extension and resistance to compression properties. These characteristics make this product suitable to cover steel, aluminium, fiberglass and wooden watercrafts. It is usually applied to fill huge imperfections. A number of coats of remarkable thicknesses can be applied. It can be applied above and below the waterline. Its creamy formula and its fine grain allow its application also for finishing works.

Product information

| | | |
|----------------------------------|-------------------|-------------------------------|
| Finish | Matt | |
| Colour | Light blue .118 | |
| Solids (by volume) | ASTM D2369 | 100% |
| Specific gravity | UNI EN ISO 2811-1 | 0,70 ÷ 0,75 g/cm ³ |
| Flash point | UNI EN ISO 13736 | 58 °C |
| VOC (average calculated content) | ISO 11890-2/2006 | 27 g/l |
| Packaging | 1,50 – 10 Lt | |

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Application and use



SURFACE PREPARATION

Apply after sanding epoxy primers or epoxy/polyurethane undercoats. It is possible to apply more layers of filler until the desired thickness is obtained, sandpaper each layer with no. 40 – 80 abrasive paper before applying the following one. Then, blow with clean and dry air. All fillers must be sanded before being covered in order to obtain a good adhesion. During application, it is advisable to properly compact the filler to avoid bubble formation. Make sure to comply with the maximum thicknesses indicated in the technical sheet.

APPLICATION PROCEDURE

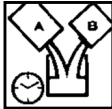

Thoroughly mix the two component until a homogenous colour is obtained. The catalysed product must be applied through a spatula or a trowel without adding any thinner. It is possible to apply various layers of filler until the desired thickness is obtained. Apply a uniform filler layer, the maximum thickness that can be applied with a single coat is 1 cm. In order to avoid the formation of air bubbles during application (the first coat is 1 m²/L/mm.), sandpaper with no. 40 - 80 abrasive paper between layers, blow with clean and dry air, after at least 24 hours (at 20°). The product curing is slowed down when the surface or ambient temperature is lower than 15° C. In this case, sanding requires more time. Do not apply below 10° C. Cover with epoxy and polyurethane primers. Before covering them, sandpaper all fillers.

Application data



| | | |
|------------------------|---|--------|
| Mixing ratio by volume |  | 50:50 |
| Mixing ratio by weight |  | 45 w/w |
| Base (comp. A) | 6660.118 | 55 w/w |
| Hardener (comp. B) | 6660.999 | |

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| | | |
|--|--|-------------------------|
| Pot-life NB: do not use this product when Pot-life time is exceeded |  | 45 min. at 20 °C |
| Application methods |  | Spatula |
| Dry film thickness | Application standard range | Up to 10 mm |
| | Recommended | 0 – 10 mm |
| Wet film thickness | Application standard range | Up to 10 mm |
| | Recommended | 0 – 10 mm |
| Theoretical coverage | 0 – 10 mm | 0 – 10 l/m ² |
| Recommended primers | Adherpox | |
| Notes | It is recommended to perfectly mix the two components before catalysis. Do not add solvents or other thinners. | |

Drying time

| Temperature °C | | 10 | | 15 | | 20 | | 30 | |
|----------------|---|-----|-----|--------|-----|--------|-----|--------|-----|
| | | Min | Max | Min | Max | Min | Max | Min | Max |
| Sanding |  | | | 48 h | | 24 h | | 18 h | |
| Full curing |  | | | 7 days | | 7 days | | 7 days | |

N.B. The drying times and the overcoating intervals increase with higher thickness of the applied film.
Always check that the existing film is perfectly dry before applying a further product coat.

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CONDITIONS DURING APPLICATION

In order to avoid the formation of condensation, the surface temperature should be at least 3° C above dew point. During application and curing, the min. ambient temperature must not be lower than 15° C or higher than 30° C; substrate temperature must not be lower than 10° C, since curing is remarkably reduced at lower temperatures.

Application is not advisable when relative humidity exceeds 80%. The term-hygrometric survey should be carried out near the surface to be coated. Make sure there is enough ventilation when application takes place in closed areas.

Storage

It is recommended to avoid exposure to air and extreme temperatures. To maximize the shelf life in the can, it is worth checking that the container is well closed during the storage and the temperature is between 10° C and 35° C. Avoid exposure to direct sunlight.

Safety rules

Observe the provisions of DPR 303 and 547. Avoid contact with the skin, for example. Operate in well ventilated places and, if in closed areas, use vacuum cleaners, fans and air conveyors. During the application, use appropriate protections (masks, gloves, glasses, etc.). Before using, read sections 7-8 of the SDS.

INSTRUCTIONS FOR THE DISPOSAL OF PRODUCTS AND PACKAGING

Empty packaging that contained products: Dispose of empty packaging according to the requirements of the waste disposal law, for example by taking them to a recycling centre.

Packages containing the unused products: Dispose of the unused product in accordance with the law of disposal of such waste, for example by taking it to a recycling centre, recycling of packaging is prohibited in this case. Do not empty into drains or watercourses. Product packaging must be kept indoor, and the temperature in the storage place must be between 10° C and 35 °C. Do not expose to sunlight.

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Notes

The values indicated in the present technical sheet can have slight variations from one batch to another. The applied product must not come in contact with water, chemicals or be subjected to mechanical stress before the curing is complete. Wet film thicknesses refer to a product that has not been diluted. With dilution, this value will rise. The above information is the result of accurate laboratory tests and practical experience; however, since the product is predominantly used outside the manufacturer's control. Boero Bartolomeo S.p.A can only guarantee its quality. The information contained in this sheet may be subject to revision by the Company. For clarification, updates or further information, it is recommended to contact Boero Bartolomeo S.p.A directly. The present datasheet annuls and replaces every other precedent to this one.