

EPOMAST

TECHNICAL DATA SHEET

Product description

Two component epoxy filler with high mechanical resistance. Excellent adherence on any type of surface and on epoxy undercoats. Excellent water resistance. Good gluing power for joints. It allows restoring highly damaged surfaces by using a spatula to rebuild thicknesses up to 10 mm. Moreover, it can be directly applied on wood, fiberglass, steel and aluminium after dishing.

Product information

Aspect	Matt		
Colour	Clear grey .754		
Solids (by volume)	ASTM D2369		100 %
Specific gravity	UNI EN ISO 2811-1		1,55 ÷ 1,60 g/cm ³
Flash point	UNI EN ISO 13736		> 102 °C
VOC (calculated average content)	ISO 11890-2/2006		137 g/l
Packaging	0,50 – 2 kg		

Application and use

SURFACE PREPARATION

Apply after sanding on epoxy primers or on epoxy/polyurethane undercoats more coats of filler until you reach the desired thickness. Sandpaper and blow clean and dry air after each coat. Cover with epoxy or polyurethane products. You have to sandpaper every filler before covering it in order to obtain a good adherence.

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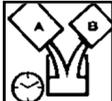
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APPLICATION PROCEDURE

Then, after having catalysed the product, application must be performed manually through a spatula or a trowel, without adding any thinner. Apply a homogeneous coat of the product with an average thickness between 2 and 10 mm, trying not to leave any trace of filler that may make sanding more difficult.

Let it dry for at least 24 hours before sanding with n. 60 paper. Given that the filler must be applied several times, it is recommended to sandpaper Epomast before the application of the following coat. This product can be covered with epoxy fillers (Epomast set) or with epoxy undercoats such as Adherpox, Aquastop, Plastolite Pro, Unikote PRO before applying the finishing so that it is possible to emphasise in the best way the final result.

Application data

Mixing ratio by volume		56:44
Mixing ratio by weight Base (comp. A) 6662.754 Hardener (comp. B) 6662.999		50 w/w 50 w/w
Pot-life NB: do not use this product when Pot-life time is exceeded		1 h at 20 °C
Application methods		Spatula
Dry film thickness per coat	Application standard range	Up to 10 mm
	Recommended	0 – 10 mm
Wet film thickness per coat	Application standard range	Up to 10 mm
	Recommended	0 – 10 mm
Theoretical coverage	0 – 10 mm	0 – 10 l/m ²
Recommended primers	Adherpox	

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Notes	It is recommended to carefully mix the two components before catalysis. Do not add any solvent of fluidifier.
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Drying time

Temperature °C		10		15		20		30	
		Min	Max	Min	Max	Min	Max	Min	Max
Sanding					36 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 the existing painting film is perfectly dry before applying a further product coat.*

CONDITIONS DURING APPLICATION

In order to avoid the formation of condensation, the temperature of the surface should be at least 3° C. above dew point. During the 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-hygometric survey should be carried out near the surface to be coated. Make sure there is enough ventilation when application takes place in closed environments.

Storage

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

Safety rules

Observe the provisions of DPR 303 and 547. Avoid the 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 section 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 the recycling centre.

Packages containing the unused products: Disposal 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 water courses. Product packaging must be kept indoor and temperature in the storage place must be between 10° C and 35 °C. Do not expose to sunlight.

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 curing is complete. The wet film thicknesses refer to the non-diluted product. With dilution, this value will rise. The above information is the result of accurate laboratory tests and practical experiences; 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 for further information, it is recommended to contact Boero Bartolomeo S.p.A directly. The present datasheet annuls and replaces every other to this one.