EPOMAST RAPIDO

TECHNICAL DATA SHEET

Product description

Two-component, fast drying, high resistance epoxy filler designed for final profiling and small repairs. The maximum thickness for each coat is 1 cm. If duly treated with the required primers, this product can be applied on any kind of surface. It can be applied on our fillers or on our epoxy undercoats, above and below the waterline. It is recommended to cover with an undercoat or an undercoat enamel before applying the finishing in order to give value to the final result.
It is easy and fast to sandpaper, both in wet and in dry condition.

Product information

Finish	Matt	
Colour	White .153	
Solids (by volume)	ASTM D2369	100 %
Specific gravity	UNI EN ISO 2811-1	1,45 ÷ 1,50 g/cm³
Flash point	UNI EN ISO 13736	58 °C
VOC (average calculated content)	ISO 11890-2/2006	131 g/l
Packaging	0,50 Lt	

Application and use

SURFACE PREPARATION

After sanding, apply various layers of filler until the desired thickness is obtained, on epoxy primers or on epoxy and polyurethane undercoats. Blow with clean and dry air before applying the following layer. Cover with epoxy or polyurethane products. All fillers must be sanded before covering them to obtain a good adhesion.

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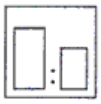
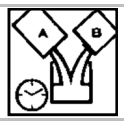
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APPLICATION PROCEDURE

After the product is catalysed, apply manually through a spatula or a trowel without adding any thinner. Apply an homogeneous product layer with a maximum coat thickness of 1 cm. Let it dry for at least 3-4 hours (at 20° C) before sanding with no. 120-180 paper.
This application method allows obtaining smooth surfaces, ready for the following coats. This product can be covered with polyurethane undercoats, such as Polygoal, or with epoxy undercoats, such as Epoway, Adherpox or Unikote Pro.

Application data

Mixing ratio by volume		50:50
Mixing ratio by weight Base (comp. A) 6604.153 Hardener (comp. B) 6604.999		 60 w/w 40 w/w
Pot-life NB: do not use this product when Pot-life time is exceeded		30 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.	

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Drying time

Temperature °C		10		15		20		30	
		Min	Max	Min	Max	Min	Max	Min	Max
Sanding						3 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.*

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.

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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.

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.

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