



YachtCoatings

EPOYACHT

TECHNICAL DATA SHEET

Product description

Epoxy filler low specific gravity, suitable for all type of vessel. Applicable on every type of support, before an adequate treatment, it allows to obtain surfaces perfectly homogeneous. Easy to mix, work, sand and with an excellent aesthetic appearance. For refit operations on small areas, Epoyacht can be mixed with the Fast hardener 603.999, in order to shortening drying/curing times.

Product information

Finish	Matt		
Colour	Orange .161		
Solids (by volume)	ASTM D2369		100%
Specific gravity	UNI EN ISO 2811-1		0,70 g/cm ³
Flash point	UNI EN ISO 13736		58 °C
VOC (calculated average content)	ISO 11890-2/2006		17 g/l
Shore hardness D	ASTM D 2240 - ISO R.868		After 7 days. ≥ 50
Packaging	5 – 20 Lt (base 10 Lt + hardener 10 Lt)		

Application and use

SURFACE PREPARATION

Apply after sanding epoxy primers, epoxy or polyurethane primers. It is possible to apply several layers of filler until the desired thickness is obtained. Between one layer and the next, sand with abrasive paper no. 40 - 80, blow with clean, dry air. All fillers must be sanded before being covered to obtain good adhesion. It is advisable, during application, to compact the filler well in order to avoid the formation of bubbles during application. Observe the maximum thicknesses indicated in the technical data sheet.



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Application data

Mixing ratio by volume		1:1
Mixing ratio by weight		47 w/w 53 w/w 53 w/w
Base (comp. A) 603.161		
Hardener (comp. B) 603.000C		
Hardener Fast (comp. B) 603.999C		
Pot-life		Standard 60 min. at 20 °C
NB: do not use this product when Pot-life time is exceeded		FAST 20 min. at 20 °C
Application methods		Spatula
Dry film thickness per coat	Standard application range	Up to 8 mm
	Recommended	0 – 8 mm
Wet fil thickness per coat	Standard application range	Up to 8 mm
	Recommended	0 – 8 mm
Theoretical coverage	0 – 8 mm	0 – 8 l/m ²
Recommended primers	Delta 3000 – Defender – Delta UC HB – Epoply	
Note	A perfect mixing of the two components before catalysis is recommended. 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	Standard				48 h		24 h		18 h	
	FAST		24 h		20 h		12 h		8 h	
Full curing			7 days		7 days		7 days		7 days	

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 35 °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 the 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 the recycling center.

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 center, 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. All data refer to the mixed product. The applied product must not come in contact with water, chemicals or subjected to mechanical stress before the curing is complete. 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.