



YachtCoatings
EPOMAR
TECHNICAL DATA SHEET

Product description

Fine filler, suitable for restorations with low thickness or to eliminate small irregularities. Suitable for applications on immersed surfaces, on wood, aluminium and fiberglass. Product without solvents, easy to apply. Good sandability. It is also recommended to use it for leveling treated surfaces with thick epoxy fillers such as EPOYACHT or EPOLIGHT (after separate catalysis it can be mixed with EPOLIGHT to obtain different consistencies).

Product information

Product code	604	
Finish	Matt	
Colour	Light Grey .001 (after mixing)	
Solids (by volume)	ASTM D2369	100%
Specific gravity	UNI EN ISO 2811-1	1,46 ÷ 2 g/cm ³
Flash point	UNI EN ISO 13736	58 °C
VOC (calculated average content)	ISO 11890-2/2006	105 g/l
Shore hardness D	ASTM D 2240 - ISO R.868	After 7 days ≥ 60
Packaging	0,750 – 4 Lt (base 2,6 Lt + cat. 1,4 Lt)	

Application and use

SURFACE PREPARATION

Apply after abrading on epoxy primers or on epoxy or polyurethane undercoats, apply several coats of filler until the desired thickness is obtained, sand between coats and blow with clean, dry air. Cover with epoxy and polyurethane products. All fillers must be sanded down before being covered for good adhesion.



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Mixing ratio by volume		2:1
Mixing ratio by weight Base (comp. A) 604.001 Hardener (comp. B) 604.000C		66 w/w 33 w/w
Pot-life NB do not use this product when Pot-life time is exceeded		90 min. at 20 °C
Application method		Spatula
Dry film thickness	Standard application range	Until 2 mm
	Recommended	300 µm
Wet film thickness	Standard application range	Until 2 mm
	Recommended	300 µm
Theoretical coverage	300 µm	3 l/m ²
Recommended primers	Delta 3000 - Defender - Epolight Win – Epoyacht - Delta UC HB – Epopoly – Undercoat PRO	
Notes	A perfect mixing of the two components before catalysis is recommended. If necessary, Epolight Win and Epomar can be mixed together to create intermediate pastes to improve the surface hardness of the entire cycle. Catalyse the 2 products separately before mixing them together.	



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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

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

Comply with the provisions set by the local health and safety at work regulations. 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.