



YachtCoatings
EPOFLEX
TECHNICAL DATA SHEET

Product description

Epoxy bi-component filler, delicate and low thickness, mostly used when it is important to obtain high quality finishing, without increasing the weight of the vessel. Easy to apply, in every climate condition (hot and cold), it allows to apply high thicknesses in one coat, and obtain at the same time a completely smooth surface. It is solvent-free, it does not drop and is easy to sandpaper. It can be used on any support above and below the waterline.

Product information

Finish	Matt		
Colour	Light green .001		
Solids (by volume)	ASTM D2369		100%
Specific weight	UNI EN ISO 2811-1		0,70 g/cm ³
Flash point	UNI EN ISO 13736		61 °C
VOC (calculated average content)	ISO 11890-2/2006		21 g/l
Shore hardness D	ASTM D 2240 - ISO R.868		After 7 days. ≥ 50
Packaging	15 Lt (base 10 Lt + cat. 5 Lt)		

Application and use






SURFACE PREPARATION

Apply after the sandpaper procedure epoxy primers, epoxy or polyurethane undercoats. It is possible to apply more coats of filler, until obtaining the desired thickness, between one coat and another, sandpaper with abrasive paper n° 40-80, blow with fresh and dry air. Every filler must be sandpapered, before being covered, in order to obtain a good adhesion. It is recommended, during the application, to compact the filler, in order to avoid the formation of bubbles during the application phase. Respect the thicknesses mentioned in the technical data sheet. Cover with epoxy or polyurethane products. After consultation with the technical department, for low thickness applications, EPOFLEX can be mixed with EPOMAR, up to a ratio of 1:1, after catalyzing the two products separately.



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Dati applicativi

Mixing ratio by volume		2:1
Mixing ratio by weight		66 w/w 33 w/w
Base (comp. A) 610.001 Hardener (comp. B) 610.000C		60 min. at 20 °C
Pot-life NB do not use this product when Pot-life time is exceeded		
Metodi di applicazione		Spatula
Dry film thickness per coat	Standard application range	Until 10 mm
	Recommended	2 – 8 mm
Wet film thickness per coat	Standard application range	Unitil 10 mm
	Recommended	2 – 8 mm
Theoretical coverage	2 – 8 mm	2 – 8 l/m ²
Recommended primers	Delta 3000 – Defender – Delta UC HB – Epoply	
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		T 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.