

SUB COAT XT

TECHNICAL DATA SHEET

Product description

Epoxy compound, 100% solids by volume which can be applied underwater, providing excellent adhesion to the support. Particularly useful for temporary repairs of leaks and cracks of the boat, when it is in mooring or sailing. It perfectly adheres on fiberglass, Gel coat, already existing epoxy products, epoxy tar as well as steel and concrete. It is suitable for temporary repairs on seacocks, boot topping and submerged parts of cement quays.

Product information

Aspect	Matt		
Colour	Light blue		
Solids (in volume)	ASTM D2369		100%
Specific gravity	UNI EN ISO 2811-1		1,45 ÷ 1,60 g/cm ³
Flash point	UNI EN ISO 13736		> 60 °C
VOC (calculated average content)	ISO 11890-2/2006		0 g/l
Packaging	2 kg		

Application and use

SURFACE PREPARATION

Clean the surfaces by using metallic brushes or scrapers to remove any area which is about to detach.

APPLICATION PROCEDURE

Sub Coat Xt is a two-component product. Mix the two components (white base, blue hardener) manually wearing protective gloves which must be constantly wet or keeping hands in a bowl of water or in the sea. In order to blend it, start to handle a quantity of hardener (blue paste), then add to it an equal quantity of base product (white paste), then mix with wet hands until you get a homogeneous light blue colour and a uniform consistency. It is possible to perform these operations even underwater without altering the final result. Do not add any thinner. Sub Coat Xt has a limited period of applicability. Such time decreases when temperatures are higher than 25°. Apply the product when the




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surface temperature is above 5°. Apply an average thickness of 4 mm.

Application data


Mixing ratio by volume		50:50
Mixing ratio by weight Base (comp. A) 6612.600 Hardener (comp. B) 6612.000		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	Manually	
Dry film thickness	Application standard range	Up to 4 mm
	Recommended	0 – 4 mm
Wet film thickness	Application standard range	Up 4 mm
	Recommended	0 – 4 mm
Theoretical coverage	0 – 4 mm	0 – 4 l/m ²
Notes	It is recommended to carefully mix the two components before catalysis. Do not add any solvent or fluidifier.	

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Drying time

Temperature °C	10		15		20		30	
	Min	Max	Min	Max	Min	Max	Min	Max
Full Curing 			10 days		10 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

The product can be applied with a water temperature between +5°C and +30°C, since the curing process is considerably slowed at inferior temperatures.

It is suggested to apply the product with sea currents higher than 0,8 knots and wave widths higher than 50 cm and in any case in presence of short waves.

Make sure that there is an adequate ventilation when the paint is applied in closed spaces.

Storage

It is recommended to avoid exposure to air and extreme temperatures. To maximize the shelf life in the can, be sure 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. For example, avoid contact with skin, operate in well ventilated areas and, if indoor, use extractors, 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 center.

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Packages containing 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 center; 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 document cancels and replaces any previous release.

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