



YachtCoatings

# BISE

## TECHNICAL DATA SHEET

### Product description

Two-component textured polyurethane finishing topcoat. This product is characterised by a scorched and satin effect; and it is formulated to provide high resistance against abrasion, yellowing and hard maritime weather conditions. Its creamy consistence allows an easy roll application, providing a uniform orange-peel appearance.

### Product information

Finish	Satin		
Colour	White .001		
Solids (by volume)	ASTM D2369		46 ± 2%
Specific gravity	UNI EN ISO 2811-1		1,34 ÷ 1,38 g/cm <sup>3</sup>
Flash point	UNI EN ISO 13736		39 °C
VOC (calculated average content)	ISO 11890-2/2006		473 g/l
Packaging	0,75 – 2,5 Lt		

### Application and use

#### SURFACE PREPARATION

Fiberglass or surfaces treated with the recommended primers: On a new surface, degrease the surface to be treated with a solvent or a suitable detergent. Pressure wash with fresh water and remove any trace of oil and grease. All surfaces to be painted must be clean, dry and free of contaminants. Sandpaper with 240/320 paper and suction the sanding residuals and any dust or dirt. Then, blow with clean and fresh air.

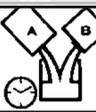


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**Application data**

Mixing ratio by volume Base (comp. A) 635.001 Hardener (comp. B) 635.000C		4:1
Mixing ratio by weight Base (comp. A) 635.001 Hardener (comp. B) 635.000C		85 w/w 15 w/w
Pot-life NB: do not use this product when Pot-life time is exceeded		5 h at 20 °C
Thinner/Cleaning tools NB: the indicated % of dilution is considered on the catalyzed product		Thinner PRO Slow (5% max)
Metodi di applicazione	 	
Dry film thickness per coat	Standard application range	90 – 110 µm
	Recommended	100 µm
Wet film thickness per coat	Standard application range	200 – 250 µm
	Recommended	220 µm
Theoretical coverage	100 µm	4,6 m <sup>2</sup> /l
Practical coverage [loss value 30%]	100 µm	3,2 m <sup>2</sup> /l
Recommended primers	Delta UC HB – Epoply – Undercoat Pro	
Notes	This product is provided in two tins to be mixed entirely and carefully before use. In case it is required, dilution has to be performed after the mixing of the two components. The physical data of two-component products refer to components that have been already mixed.	



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## Drying time

Temperature °C			10		15		20		30	
			Min	Max	Min	Max	Min	Max	Min	Max
Overcoating	Epoxy products or polyesters				8 h	48 h	6 h	24 h	4 h	24 h
Full curing					7 days		7 days		5 days	

**N.B.** The drying times and the overcoating intervals increase with higher thickness of the applied film. Always check that the existing painting 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 the application takes place in closed areas.



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## Storage

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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.

## Safety rules

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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

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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.