

Product description

Mono-component alkyd urethane topcoat. High quality, excellent dilatation and it perfectly maintains brightness and colours. Suitable for internal and external use on pleasure boats and at home. Good flexibility and adhesion on a large variety of primers, undercoats and finishes. Do not apply on inorganic zinc primers or plates. Various colours are available. Not suitable for constant immersion.

Product information

Finish	Bright	
Colour	Extra white .915 and colour card	
Solids (by volume)	ASTM D2369	55 ± 2%
Specific gravity	UNI EN ISO 2811-1	1,20 ÷ 1,25 g/cm ³ (white and derived colours) 1,05 ÷ 1,10 g/cm ³ (other colours)
Flash point	UNI EN ISO 13736	37 °C
VOC (calculated average content)	ISO 11890-2/2006	329 g/l
Packaging	0,5 Lt	

Application and use

SURFACE PREPARATION

Fiberglass: Degrease the surface to be treated with an adequate solvent or 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 P180 – P220 abrasive paper and apply the primer on the treated surface. Before applying the required products, blow with clean and dry air to remove any sanding or dirt residual. Apply the primer with a first Adherpox or Gel Prime Coat, sandpaper with P280 – P320 abrasive paper. Clean and proceed with Unigloss application

Wood: The moisture content of the wood must not exceed 18%. Thoroughly sandpaper with no. P80 - P120 paper. Before proceeding with the application, blow with clean and dry air to remove any sanding and dirt residual. Apply the primer with a first Adherpox coat, or with Gel Prime coat with a 30% dilution. Apply a further coat with lower dilutions. Sandpaper with P280– P320 paper. Clean and then proceed with the Unigloss application.

Steel: Pressure wash with fresh water and remove any trace of oil and grease (wash with a specific solvent if necessary). All surfaces to be painted must be clean, dry and free of contaminants. Perform a mechanical cleaning treatment of grade St 3. Apply the Primer with two Adherpox coats. Sandpaper with P280– P320 paper Clean and then proceed with the Unigloss application.

APPLICATION PROCEDURE

Before use, carefully mix the product until complete homogeneity is obtained. Its excellent dilatation allows to obtain perfectly mirrored and bright surfaces. Even for brush application. Two Unigloss coats are recommended for a satisfying result.

As regards roller or brush application, whenever necessary, dilute up to 5% by volume with Diluent 6470. For spray application, dilute up to 15% by volume, always with the same thinner. Apply an homogeneous and completely wet thickness, with a series of crossed coats in order to guarantee a uniform coverage.

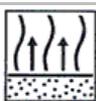
UNIGLOSS

TECHNICAL DATA SHEET

Application data

Thinner/Tool cleaning		6470 - Roller/Brush(5% max) 6470 - Conventional spray: (15% max)
Application methods		Conventional Pressure 3,5 bar Nozzle 1,9 – 2,2 mm
	 	
Dry film thickness per coat	Standard application range	30 – 40 µm
	Recommended	40 µm
Wet film thickness per coat	Standard application range	55 – 70 µm
	Recommended	70 µm
Theoretical coverage	40 µm	13,8 m ² /l
Recommended primers	Adherpox - Gel Prime	

Drying time

Temperature °C	10		15		20		30	
	Min	Max	Min	Max	Min	Max	Min	Max
Coverage 			24 h	7 days	18 h	7 days	18h	7 days
Sanding 			48 h		48 h		48 h	
Full curing 			7 days		7 days		7 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 the curing is remarkably reduced at lower temperatures.

Application is not advisable when the 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 that the temperature is between 10° C and 35° C. Avoid exposure to direct sunlight.

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 contains the products: Dispose of empty packaging according to the requirements of the waste disposal law, for example by taking them to the recycling centre.

Packages containing the unused products: Dispose of the unused product in accordance with the law of disposal of such waste, by taking it to a recycling centre, recycling of packaging is prohibited in this case. Do not empty into drains or water courses. 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. The applied product must not come in contact with water, chemicals or subjected to mechanical stress before the curing is complete. All wet film thicknesses refer to a product which is not diluted. With dilution, this value will rise. 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 subjected 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.