



YachtCoatings

# BIOWOOD

## TECHNICAL DATA SHEET

### Product description

Woodsatin for neutral and coloured wood. It penetrates the wood, transforming the aspect in the desired essence and tonality, it protects against the atmospheric agents, fungi, mold and insects. It can be used on boats for interiors and exteriors in order to paint every type of wood, which is to be perfectly dry and free from any trace of dirt, grease and old paintings.

### Product information

Finish	Transparent. It brings out the wood grain	
Colour	Colourless .000, Mahogany .373, Walnut .375, Teak .376	
Solids (by volume)	ASTM D2369	15 ± 2%
Specific gravity	UNI EN ISO 2811-1	0,86 ÷ 0,90 g/cm <sup>3</sup>
Flash point	UNI EN ISO 13736	35 °C
VOC (calculated average content)	ISO 11890-2/2006	667 g/l
Packaging	0,75 Lt	

### Application and use

#### SURFACE PREPARATION

New wood or renewed: the wood must be perfectly dry and free from any trace of dirt, grease, dust or old paintings: apply the priming of BIOWOOD, (neutral or coloured) diluted from 15 to 20%, than apply two coats of BIOWOOD (neutral or coloured). THE WOOD EXPOSED TO EXTERNAL MUST NOT BE TREATED ONLY WITH NEUTRAL BIOWOOD.






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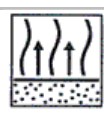

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## TECHNICAL DATA SHEET

### Application data

Thinner/Cleaning tools		703 –Roller/Brush (20% max)
Application system	 	
Dry film thickness	Standard application range	5 – 10 µm
	Recommended	5 µm
Wet film thickness	Range di applicazione standard	30 – 70 µm
	Recommended	30 µm
Theoretical coverage	5 µm	30 m <sup>2</sup> /l
Notes	In order to obtain a perfect esthetical result, it is recommended, whatever the application system applied is, to go over the surface after 15-20 minutes with a soft and dry towel	

### Drying time

Temperature °C	10		15		20		30		
	Min	Max	Min	Max	Min	Max	Min	Max	
Coverage wet on wet		24 h	-	12 h	-	8 h	-	6 h	-
Fully cured		NA		NA		NA		NA	

**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.



*YachtCoatings*

# BIOWOOD

## TECHNICAL DATA SHEET

### CONDITIONS DURING THE APPLICATION

In order to avoid the formation of condensation, the temperature of the surface 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 and the surface temperature must not be lower than 10 °C, because the crosslinking is significantly slowed at temperatures below.

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 good to check 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

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.



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### Notes

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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. The wet film thickness is referring to the undiluted product. In case of dilution, this value increases. 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 their 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.