

WOOD MAT H₂O

TECHNICAL DATA SHEET

Product description

Polyurethane water-based, two-component, transparent, satin and non-yellowing finish. High resistance to the marine environment, it is particularly suitable for the treatment of bulkheads, furniture and all internal wood surfaces. Excellent levelling and resistance to abrasion. Ready to use and easy to apply. Not suitable for substrates subject to continuous immersion. Excellent also for wooden floors.

Product information

Finish	Matt		
Colour	Transparent		
Solids (by volume)	ASTM D2369		42 ± 2%
Specific gravity	UNI EN ISO 2811-1		1,04 ± 0,05 g/cm ³
Flash point	UNI EN ISO 13736		N.A.
VOC (calculated average content)	ISO 11890-2/2006		22 g/l
Packaging	1 Lt		

Application and use

SURFACE PREPARATION

Old wood bring to new: sand and clean the substrate. Only if the wood is very dry it is recommended to perform an impregnation with Fibrodur.

New wood: sand and dust the surface, primerise with one coat of Fibrodur. Never apply on damp wood.

High resistance paint system: on new or bare wood, apply two coats of Resina 2000 sanding between one coat and the other.

APPLICATION PROCEDURE



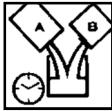




Mix the base and pour the hardener while it is kept under stirring. Apply a uniform thickness with a sequence of crossed coats. The excellent levelling makes it possible to obtain specular surfaces even for brush application.

WOOD MAT H₂O

TECHNICAL DATA SHEET

The recommended painting system includes a maximum of 3-4 coats of Wood Mat H₂O with an interval of at least 12 hours for overcoating. To obtain a good aesthetic result, sand between the coats with fine abrasive paper n. 300/600.

Application data

Mixing ratio by volume		4:1
Mixing ratio by weight		
Base (comp. A) 6750.002 Hardener (comp. B) 6750.999		83 w/w 17 w/w
Pot-life NB: don't use the product once the Pot-life period is exceeded		1 h at 20 °C
Thinner/Cleaning tools		Water
Application method (spray application is permitted using individual protective devices in suitable environments)		Conventional Pressure 2 – 3 bar Nozzle 1,4 – 1,7 mm
	 	
Dry film thickness	Standard application range	30 - 35 µm
	Recommended	35 µm
Wet film thickness	Standard application range	70 - 85 µm
	Recommended	85 µm
Theoretical coverage at the recommended thickness	Application range at the recommended thickness	12 m ² /liter

WOOD MAT H₂O

TECHNICAL DATA SHEET

Note	The product is supplied in two containers to be thoroughly and thoroughly mixed together before use. Any dilution must be carried out after mixing the two components. The physical data of the two components products are related to the components already mixed together.
------	---

Drying time

Temperature °C		15		20		30	
		Min	Max	Min	Max	Min	Max
Overcoating interval wet on wet		16 hrs	36 hrs	12 hrs	36 hrs	8 hrs	24 hrs
Sanding		16 hrs	36 hrs	12 hrs	36 hrs	8 hrs	24 hrs
Fully cured		4 days		3 days		2 days	

CONDITIONS DURING THE APPLICATION

To avoid the formation of condensation, the temperature of the surface should be at least 3 °C above dew point. During the 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.

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.

WOOD MAT H₂O

TECHNICAL DATA SHEET

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 THE PRODUCT AND PACKAGING

Empty packagings containing the product: Dispose of empty packagings according to the requirements of the waste disposal law, for example by conferring them in the recycling center.
Packages containing the unused product: Dispose of the product not used in accordance with the law of disposal of such waste, for example by conferring it in a recycling center, recycling of packaging is prohibited in this case.

Do not empty into drains or watercourses.

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. 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.