

S-PROTECT AQUA

TECHNICAL DATA SHEET

Product description

Water-based impregnating agent for wood. Designed for the decoration and protection of artefacts exposed in aggressive environments, such as marine atmospheres. It protects the wood in depth, coloring it. It enhances the beauty of the veins, keeping their appearance and natural breathability unchanged. It dries quickly and it is odorless.

Product information

Product code	W6512	
Finish	Transparent enhances the grain of the wood	
Colour	Colourless .000, Mahogany .373, Walnut .375, Teak .376	
Solids (by volume)	ASTM D2369	16 ± 2%
Specific gravity	UNI EN ISO 2811-1	1,02 ± 0,02 g/cm ³
Flash point	UNI EN ISO 13736	N.A.
VOC (calculated average content)	ISO 11890-2/2006	100 g/l
Packaging	0,75 Lt	

Application and use

SURFACE PREPARATION



New or renewed wood: The humidity of the wood must not exceed 18%, sand the surface thoroughly with paper n. P120 - P180, before proceeding with the application of S-Protect AQUA, blow with clean and dry air to remove any residual sanding and dirt. The substrate must be sound, dry, free from traces of dirt, grease, resin, and old paints. In the presence of wood already treated with impregnating products, dust and clean the substrate. Apply the first coat of S-PROTECT AQUA, neutral or colored, if the wood is very resinous, dilute the product at 15-20% and then apply a further coat of S-PROTECT AQUA (neutral or colored).

WOOD PROTECTED WITH S-PROTECT AQUA, IF EXPOSED OUTSIDE, MUST BE TREATED WITH PAINTS FROM THE VENEZIANI RANGE



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TECHNICAL DATA SHEET

Application data

Thinner/Cleaning tools		Water – Brush/Roller (10% max)
Application methods		
Dry film thickness per coat	Standard range application	5 – 10 µm
	Recommended	5 µm
Wet film thickness per coat	Standard range application	30 – 70 µm
	Recommended	30 µm
Theoretical coverage	5 µm	30 m ² /l
Notes	To obtain a perfect aesthetic result, it is recommended, whatever the application system used, to wipe the surface after 15 - 20 minutes with a soft and dry cloth.	

Drying time

Temperature °C	10		15		20		30		
	Min	Max	Min	Max	Min	Max	Min	Max	
Coverage wet on wet		4 h	-	3 h	-	2 h	-	1 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*

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TECHNICAL DATA SHEET

CONDITIONS DURING APPLICATION

In order 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; the min support 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 rule

Comply with the provisions set by the local health and safety at work regulations. 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

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 refers 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.