

S-PROTECT

TECHNICAL DATA SHEET

Product description

Protective impregnating agent for wood, colored and neutral. It penetrates into the wood, modifying its appearance in the essence and in the desired shade. Its formulation provides excellent protection from atmospheric agents, fungi, molds and insects. It is recommended on boats for outdoor and indoor painting systems, in order to paint every type of wood.

Product information

Product code	W6511	
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 ³
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 or refurbished 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, 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



Apply the first coat of S-PROTECT, neutral or colored; if the wood is very resinous, dilute the product at 15-20% and then apply a further coat of S-PROTECT (neutral or colored).

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



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Application data

Thinner/Cleaning tools		6470 – 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 ² /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.

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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

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 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.