AQUASTOP

TECHNICAL DATA SHEET

Product description

Specific treatment for fiberglass hulls affected by osmosis phenomena and particularly recommended for a preventive protection treatment. Characterized by excellent resistance to water (salty, freshwater), it provides a perfect waterproofing of the hull.

Product information

Finish	Lucid	
Colour	Transparent light blue .571	
Solids (by volume)	ASTM D2369	100%
Specific gravity	UNI EN ISO 2811-1	1,10 ÷ 1,15 g/cm^3
Flash point	UNI EN ISO 13736	102 °C
VOC (calculated average content)	ISO 11890-2/2006	32 g/l
Packaging	0,75 – 2,5 Lt	

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Application and use

SURFACE PREPARATION

Restoration cycle: remove all parts of the gel coat and/or fiberglass damaged by osmosis by sandblasting or discarding. Wash and degrease thoroughly with copious amount of fresh water. Allow the hull to dry by curing in order to eliminate the moisture content as much as possible. Measure the humidity of the hull with the appropriate equipment before starting the painting cycle. The RH value must not exceed 10%.
Prevention cycle: degrease and wash the gel coat with copious amount of fresh water and sand with grit 180-220 sandpaper.

APPLICATION PROCEDURE

Restoration cycle: apply a thickness of AQUASTOP of 600 µm in 3 coats. Apply the first coat with a brush in order to obtain maximum penetration into the porosity of the substrate, then if it is necessary apply a layer of Epomast Evo grout to level out any irregularities and then apply the other 2 coats of AQUASTOP.

Preventive cycle :when there are no osmosis phenomena already in progress and the RH value falls within the recommended parameters, apply at least 2 coats, for an average total thickness of 350/400 µm. If AQUASTOP is covered with itself, after the maximum time, sand the whole surface with grit 180/220 sandpaper.

Notes: If a greasy surface patina forms between one coat and the next of AQUASTOP, wash it with clean hot water.

Once the last coat has been applied, wait at least 72 hours after which opaque with 220 /240 grit paper before continuing with the application of ADHERGLASS or ADHERPOX and relative antifouling.

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Application data

Mixing ratio by volume		62:38
Mixing ratio by weight Base (comp. A) 6491.571 Hardener (comp. B) 6491.999		65 w/w 35 w/w
Pot-life NB: do not use this product when Pot-life time is exceeded		2,5 h a 20 °C
Thinner/Tool cleaning NB: the indicated dilution % is considered on the catalyzed product		**6610** only for cleaning
Application method		

Dry film thickness per coat	Standard application range	200 µm
	Recommended	200 µm
Wet film thickness per coat	Standard application range	200 µm
	Recommended	200 µm
Theoretical coverage	200 µm	0,5 m^2/l

Notes	This product is provided in two tins to be mixed entirely and carefully before use. In case it is required, dilution has to be performed after the mixing of the two components. The physical data of two-component products refer to components that have been already mixed.

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Drying time

Temperature °C		10		15		20		30	
		Min	Max	Min	Max	Min	Max	Min	Max
Coverage				12 h	36 h	8 h	24 h	6 h	18 h
Sanding				36 h		24 h		18 h	
Full curing				7 days		7 days		7 days	

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 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 worth checking that the container is well closed during the storage and the temperature is between 10 °C and 35 °C. Avoid exposure to direct sunlight.

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Safety rule

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.

Notes

The values indicated in the present technical sheet can have slight variations from one batch to another. All data refer to the mixed product. The applied product must not come in contact with water, chemicals or subjected to mechanical stress before the curing is complete. 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 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.

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