EUROSPRINT PRO

TECHNICAL DATA SHEET

Product description

PROFESSIONAL USAGE

High quality, hard matrix, antifouling suitable for every type of seas, lakes or mixed waters. Good resistance to abrasion, applicable on sailing vessels and motor ships even if they exceed 35 knots. Applicable on wooden, iron and fiberglass hulls.

It complies with the IMO (AFS/CONF/26) antifouling requirements and it is certified by Rina and Lloyd's Register boards. Furthermore, it contains active substances according to the **BPR Regulation (Regulation (EU) No 528/2012).**

Only white color is suitable for alloy hulls.

Product information

Finish	Matt	
Colour	Black .708, Deep blue .512, White .153 *The colour of the antifouling paint after diving may be slightly different. Small tinting differences may occur between different production batches: in case mix them before the application.*	
Solids (by volume)	ASTM D2369	51 ± 2 % 46 ± 2 % (white)
Specific gravity	UNI EN ISO 2811-1	1,85 ÷ 1,95 g/cm³ 1,60 ÷ 1,70 g/cm³ (white)
Flash point	UNI EN ISO 13736	34° C
Average shelf life		3 years
VOC (calculated average content)	ISO 11890-2/2006	360 g/l
Packaging	5 – 10 Lt	

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Application and use

SURFACE PREPARATION

Surfaces with old antifouling

Good condition: remove contaminants and any vegetation through high pressure wash with fresh water. Sand down with 120-180 grain paper. If the old antifouling is unknown or of a different nature apply a coat of an insulator like TICOPRENE.

Bad conditions: remove contaminants, possibly vegetation and non-adherent material through high pressure wash with fresh water. Sanding with 80-120 grain paper or with a slight sandblasting, paying attention not to damage the paint system underneath the old antifouling. Apply coat of ADHERPOX or TICOPRENE primer onto the entire treated area before proceeding with the antifouling

New surfaces or brought to new

Fiberglass: Degrease the surface to be treated with solvent or with a suitable detergent. Wash with fresh water and remove any traces of oil and grease. All surfaces to be painted must be clean, dry and free of contaminants. Sandpaper with abrasive paper no. P180 - P220 and apply the primer onto the treated surface. Before proceeding with the application of the products, blow with clean and dry air to remove any residual sanding and dirt.

Steel: Wash with fresh water and remove any traces of oil and grease (in case washing with the specific solvent). All surfaces to be painted must be clean, dry and free of contaminants. Perform a sandblasting treatment of grade Sa 2½ or, after consultation with our technicians, mechanical cleaning degree St 3. Overcoat with the proper primer the treated metal before oxidizing principles are present. Before proceeding with the application of the products, blow with clean and dry air to remove any residual sanding and dirt.

New wood: The moisture content of the support must not exceed 18%. All surfaces to be painted must be clean, dry and free of contaminants. Sandpaper with paper no. P80 - P120. Before proceeding with the application of the products, blow with clean and dry air to remove any residual sanding and dirt.

Lead: Wash with fresh water and remove any traces of oil and grease (in case washing with the specific solvent). All surfaces to be painted must be clean, dry and free of contaminants. Waxing with large grain disks (mechanical cleaning) the surface layer of metal must be completely and uniformly renewed, removing any oxidation residue and coated with the primer provided on the same day of preparation. Be careful not to exceed the incision. Before proceeding with the application of the products, blow with clean and dry air to remove any residual sanding and dirt.

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APPLICATION METHODS

Professional use

Application method		Conventional Pressure 3,5 bar Nozzle 1,7 – 1,9 mm	
		Airless Pressure 150 bar Nozzle 0.3 – 0.6 mm	
	 		

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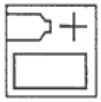
APPLICATION DATA

Thinner		6470
Dry film thickness	Standard application range	40 - 60 µm
	Recommended	50 µm
Wet film thickness	Standard applcation range	80 - 120 µm (colours) 90 - 130 µm (white)
	Recommended	100 µm (colours) 110 µm (white)
Theoretical coverage at the recommended thickness	Application range at the recommended thickness	10,2 m^2/litre (colours) 9,2 m^2/litre (white)
N° coats	2 coats for a seasonal protection. Apply an extra coat in areas subjected to higher consumption/friction	
Recommended primers	ADHERPOX suitable for all substrates TICOPRENE usable as primer on wood, iron, fiberglass or as insulator on old antifouling paints ADHERGLASS on fiberglass	

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Drying time

Temperature °C	10		15		20		30	
	Min	Max	Min	Max	Min	Max	Min	Max
Overcoating interval (50 µm)	18 h	N.L.	12 h	N.L.	6 h	N.L.	4 h	N.L.
Launching	24 h	1-6 months	18 h	1-3 months	12 h	1-3 months	8 h	1-2 months

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.*

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 the application and curing the min. ambient temperature must not be lower than 10 °C or higher than 30 °C; substrate temperature must not be lower than 5 °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 5 °C and 35 °C. Avoid exposure to direct sunlight

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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 BIOCIDAL AND PACKAGING PRODUCT
Empty packaging containing biocidal 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 biocidal product: Dispose of the product not used 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.
INSTRUCTIONS FOR THE SAFE SECURITY OF THE BIOCIDAL AND PACKAGING PRODUCT.
Empty containers and containers still containing the biocidal product: Packaging must be disposed of as hazardous waste under the full responsibility of the holder of such waste. Do not empty into drains or watercourses.

Note

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.

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Raccomendations

After the application of the last coat the maximum launching period of the antifouling is one month; with top quality copper oxide based products and with the agreement with our technical staff, the launching time may extend up to 3 months, providing that the hull is protected from moisture, rain or atmospheric agents with plastic or similar material.

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