

PROPELLER

TECHNICAL DATA SHEET

Product description

PROFESSIONAL AND DIY USAGE

Hard matrix antifouling formulated for the exercise in extreme conditions, such as propeller protection of axels and sterndrives, flaps, etc. It contains no copper oxide and no organostannic compounds, and it is therefore compatible with all types of metal. It owns an excellent adhesion and a good antifouling power. The product must be used with Propeller Primer, in order to guarantee its proper functioning. The new formulation has improved the resistance to cathodic overprotection. It complies with the IMO (AFS/CONF/26) antifouling requirements and contains active substances according to the **BPR Regulation (Regulation (EU) No 528/2012)**.

Product information

Finish	Matt	
Colour	Black .708, Grey .065, White .153 <i>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.</i>	
Solids (by volume)	ASTM D2369	45 ± 2 %
Specific gravity	UNI EN ISO 2811-1	1,55 ÷ 1,65 g/cm ³
Flash point	UNI EN ISO 13736	+ 26° C
Average shelf life		3 years
VOC (calculated medium content)	ISO 11890-2/2006	452 g/l
Packaging	0,25 Lt	

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Application and use

SURFACE PREPARATION




Stern drives in aluminum: clean carefully the surface and degrease if necessary; sand down with medium grit, wipe and apply one coat of PROPELLER PRIMER, after 6-8 hours apply a first thinner hand of PROPELLER.

Bronze propeller and steel axle: clean carefully the surface and degrease if necessary, roughen with medium grit abrasive paper; clean with thinner in order to eliminate any residual of grease and dust; apply one coat of PROPELLER PRIMER; after 2-4 hours apply a first thinner hand of PROPELLER.

APPLICATION METHOD

Application methods	 
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
Professional use

Application methods		Conventional Pressure 3,5 bar Nozzle 1,7 – 1,9 mm
	 	

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APPLICATION DATA

Thinner		6470 /6610
Dry film thickness per coat	Standard application range	50 - 70 µm
	Recommended	60 µm
Wet film thickness per coat	Standard application range	110 - 150 µm
	Recommended	130 µm
Theoretical coverage at the recommended thickness	Application range at the recommended thickness	7,5 m ² /liter
N°coats	2 coats for a seasonal protection. Apply an extra coat in areas subjected to higher consumption/friction	
Recommended primers	Propeller Primer	

Drying time

Temperature °C	10		15		20		30	
	Min	Max	Min	Max	Min	Max	Min	Max
Overcoating interval (60 µm)	16 h	NL	12 h	NL	6 h	NL	6 h	NL
Launching	24 h	30 days	24 h	30 days	24 h	30 days	12 h	30 days

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.

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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 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

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 BIOCIDAL PRODUCTS AND PACKAGING

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 BIOCIDAL PRODUCTS AND PACKAGING.

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.

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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 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.