



YachtCoatings

NOXY

TECHNICAL DATA SHEET

Product description

Synthetic antirust paint specifically conceived for protection above the waterline. It contains phosphates and it is recommended to protect iron surfaces and as ground coat for wood. It stands out for its excellent resistance outdoor, both in marine and light industry environments. It is free from chromates and lead.

Product information

Finish	Matt		
Colour	Grey .051, Orange .161		
Solids (by volume)	ASTM D2369		56 ± 2%
Specific gravity	UNI EN ISO 2811-1		1,35 ÷ 1,45 g/cm ³
Flash point	UNI EN ISO 13736		34 °C
VOC (average calculated content)	ISO 11890-2/2006		335 g/l
Packaging	0,75 – 2.5 Lt		



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Application and use

SURFACE PREPARATION

Steel: Perform a mechanical cleaning treatment of grade St 3. The treated metal must be covered with Mistral Fondo before the first signs of oxidation or shade variation arise. Before applying the required products, blow with clean and dry air to remove any sanding or dirt residual.

Wood: The moisture content must not exceed 18%. Thoroughly sandpaper the surface with P80 - P120 paper. Before applying Noxy, blow with fresh and dry air to remove any sanding or dirt residual. Apply a first Noxy coat diluted to 25% with thinner 703. Then, apply 1 or 2 coats of the same product.

Application data

Thinner/Tool cleaning		703 - Roller/Brush (0-10% max) 703 - Conventional spray: (10-15% max)
Application methods		Conventional Pressure 3,5 bar Nozzle 1,9 – 2.2 mm
	 	
Dry film thickness per coat	Application standard range	40 – 50 µm
	Recommended	50 µm
Wet film thickness per coat	Application standard range	70 – 90 µm
	Recommended	90 µm
Theoretical coverage	50 µm	11 m ² /l






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Drying time

Temperature °C		10		15		20		30	
		Min	Max	Min	Max	Min	Max	Min	Max
Coverage		30 h	7 days	24 h	4 days	24 h	4 days	18 h	3 days
Sanding		48 h		24 h		24 h		24 h	
Full curing		10 days		7 days		7 days		5 days	

N.B. The drying times and the overcoating intervals increase with higher thickness of the applied film.
Always check that the existing film is perfectly dry before applying a further product coat.

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 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 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 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 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 a recycling centre.

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. The applied product must not come in contact with water, chemicals or be subjected to mechanical stress before the curing is complete. Wet film thicknesses refer to a product that has not been diluted. With dilution, this value will rise. 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.