



OSCOLATI

SEALER

TECHNICAL DATA SHEET

Product description

One component anticorrosive waterproof chlorinated-rubber undercoat, formulated for underwater surfaces. It is an ideal sealer to be applied when the previous antifouling is unknown., before proceeding with the new one. It permits to obtain a high build coat and creates a barrier between water and the treated surface. It can be used on steel fiberglass and wooden surfaces, both for internal and external use. It is also possible to use it on mono-component systems as undercoat, provided that the use is above the waterline. Apply from 1 to 3 coats depending on the surfaces to be treated.

Product information

Finish	Alluminising	
Colour	Grey	
Solids (by volume)	ASTM D2369	38 ± 2%
Specific gravity	UNI EN ISO 2811-1	1,24 ÷ 1,28 g/cm ³
Flash point	UNI EN ISO 13736	44 °C
VOC (calculated average content)	ISO 11890-2/2006	536 g/l
Packaging	0,75 – 2,5 Lt	



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Application and use

SURFACE PREPARATION

New surfaces or bring to new

Wash under pressure with fresh water (150 - 300 bar) and remove any traces of oil and grease. All surfaces to be painted must be clean, dry and free of contaminants.

Steel: Perform a mechanical cleaning degree St 3. Overcoat with Sealer the treated metal before oxidizing principles and/or colour variations are present. Before proceeding with the application of the products, blow with clean and dry air to remove any residual sanding and dirt.

For surface preparation of lower degree or repairs: Consultation with our technicians. Apply one coat of Sealer diluted with 5% of proper thinner, after apply 3 coats of the same product not diluted.

Fiberglass: Degrease the surface with a suitable detergent, if necessary, sandpaper with abrasive paper n. P150 - P180; it is advisable to primerize the treated surface within 24 - 48 hours. Before proceeding with the application of the products, blow with clean and dry air to remove any residual sanding and dirt.

Apply one coat of Sealer.

Wood: The moisture content of the support must not exceed 18%, carteggiare a fondo la superficie con carta n. P80 - P120, before proceeding with the application of Sealer, blow with clean and dry air to remove any residual sanding and dirt. Apply one coat of Sealer diluted with 5% of proper thinner, after apply 2-3 coats of the same product not diluted.

Surfaces with old paints

Perform a pressure wash until all old non-adherent antifouling paints are removed. All surfaces must be clean, dry and without any contamination. Verify that the anticorrosive system is in good condition. Blow thoroughly with filtered and dry compressed air to remove any dust or dirt.

All surfaces to be painted must be clean, dry and free of contaminants.

Sanding with P.100 grain paper.

Before proceeding with the application of the expected products, check and complete the cleaning of the support, carefully removing any residual of sanding and dirt. All surfaces to be painted must be clean, dry and free of contaminants.

Over the old paint apply 1 coat of Sealer.



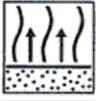
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Application data

Thinner		Brush/roller (10% max) Conventional spray/Airless: (10% max)
Application method (spray application is permitted using individual protective devices in suitable environments)		Conventional Pressure 3,5 bar Nozzle 1,9 – 2,2 mm
		Airless Pressure 150 bar Nozzle 0.3 – 0.6 mm Spray angle: 65° - 80°
	 	
Dry film thickness	Standard application range	50 – 70 µm
	Recommended	60 µm
Wet film thickness	Standard application range	130 – 190 µm
	Recommended	160 µm
Theoretical coverage	60 µm	6,3 m ² /l
Recommended primers	Antifouling paints	

Drying time

Temperature °C		10		15		20		30	
		Min	Max	Min	Max	Min	Max	Min	Max
Overcoating interval		12 hrs	NL	10 hrs	NL	8 hrs	NL	6 hrs	NL
Sanding		48 hrs		36 hrs		30 hrs		24 hrs	
Complete drying		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 painting film is perfectly dry before applying a further product coat.

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CONDITIONS DURING THE APPLICATION

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 10 °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 THE PACKAGING PRODUCT

Empty packagings containing products: Dispose of empty packagings according to the requirements of the waste disposal law, for example by conferring them in the recycling center. Packages containing the unused product: Dispose of the product not used in accordance with the law of disposal of such waste, for example by conferring it in a recycling center, recycling of packaging is prohibited in this case. Do not empty into drains or watercourses.

The product packagings must not be exposed to the open air and must be stored at a temperature between 10 °C and 35 °C. Do not expose to the sun.



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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, the manufacturer itself can only guarantee their quality. The information contained in this sheet may be subject to revision by the Company.