

TICOPRENE

TECHNICAL DATA SHEET

Product description

Mono-component aluminate primer based on chlorinated rubber. Marine paint for general use, this product is suitable for the maintenance of hulls and structures in wood and steel. It can be applied on galvanized primers, mono-component primers and bi-component primers. It can be also used as a sealer on old antifouling. Good resistance to continuous immersion in fresh and salt water.

Product information

Finish	Alluminised	
Colour	Silver grey .906	
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	

TICOPRENE

TECHNICAL DATA SHEET

Application and use

SURFACE PREPARATION

New Surfaces or brought to new

Wash by pressure with fresh water (150 - 300 bar) and remove any trace of oil and grease. All the surfaces to be painted must be clean dry and without contaminants.

Steel: Carry out the mechanical cleaning treatment grade St 3. Cover the treated metal with Ticoprene before the latter presents principles of oxidation and/or colour variation. Before proceeding with the application of the products, blow with clean and dry air, to remove any residual of sanding and dirt.

For lower grade surface preparations or repairs: Consult the technical office. Apply a first coat of Ticoprene diluted to 5% with thinner 6470, then apply 3 coats of the same product undiluted.

Fiberglass: Treat the fiberglass with suitable products, if necessary, sand with sandpaper no. P150 - P180; it is advisable to primer the treated surface within 24 - 48 hours. Before proceeding with the application of the products, blow with clean and dry air, to remove any residue of sanding and dirt. Apply a coat of Ticoprene.

Wood: The humidity of the wood must not exceed 18%, sand the surface thoroughly with paper no. P80 - P120, before proceeding with the application of Ticoprene blow with clean and dry air, to remove any residue of sanding and dirt. Apply a first coat of Ticoprene diluted 25% with 6470 thinner, then apply 2 or 3 coats of the same product undiluted.

Surfaces with old paints

Perform a washing by pressure until the complete removal of all old antifouling in phase of detachment. All surfaces must be clean, dry and without contamination. Verify that the anticorrosion system is in a good condition. Blow meticulously with filtered, dry compressed air to remove any residual dust or dirt. All surfaces to be painted must be clean, dry, and free of contaminates agents. Sand with grain disks P.100.

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

Apply 1 coat of Ticoprene over the old paints.

TICOPRENE

TECHNICAL DATA SHEET

Application data

Thinner/Cleaning tools		6470 – Brush/Roller (10% max) 6470 – Conventional spray/Airless: (10% max)
Application methods		Conventional Pressure 3,5 bar Nozzle 1,9 – 2,2 mm
		Airless Pressure 150 bar Nozzle 0.3 – 0.6 mm Angular widen 65° - 80°
	 	
Dry film thickness per coat	Standard application range	50 – 70 µm
	Recommended	60 µm
Wet film thickness per coat	Standard application range	130 – 190 µm
	Recommended	160 µm
Theoretical coverage	60 µm	6,3 m ² /l
Recommended primers	Antifoulings	

TICOPRENE

TECHNICAL DATA SHEET

Drying time

Temperature °C		10		15		20		30	
		Min	Max	Min	Max	Min	Max	Min	Max
Coverage		12 h	NL	10 h	NL	8 h	NL	6 h	NL
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 painting 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 the application takes place in closed areas.

TICOPRENE

TECHNICAL DATA SHEET

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.

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 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. 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.