

BOERO FRESH WATER

700.904

Description

Epoxy coating for interior surfaces intended to come into contact with alimentary substances, the product is suitable for the treatment of iceboxes, cold rooms, galleys and drinking water. This product is certified and in compliance with DM 21.3.1973 (concerning the transposition of Directives 82/771/EEC, 85/572/EEC, 90/128/EEC, 92/39/EEC). Boero Fresh Water is an odourless and solvent-free product, easily applicable even in confined spaces. Waterproofing and insulating, it has a high resistance to chemical agents.

Use

Treatment of iceboxes, cold rooms, galleys and drinking water.

Certifications

DM 21.3.1973

Informations



Finish	Glossy	
Colours	.001 White	
Pack	2,5 l	
Solids by Volume	100%	ISO 3233-2
Specific Gravity	1,30 – 1,40 g/cm ³	ISO 2811-1
Flash Point	102 °C	ISO 3679
VOC	196 g/l	Calculated
Shelf Life	Comp. A 36 months Comp. B 24 months	

Application

SURFACE PREPARATION

Steel – stainless steel: pressure wash with fresh water and remove any trace of oil or grease (wash with a specific solvent if necessary). All surfaces to be painted must be clean, dry and with no contaminants (if it can be useful to assess the degree of salinity, implement the Bresle ISO 8502-6 method). Make sure that this metal shows an appropriate "steel preparation" condition (on weld joints, corners and other imperfections; it is required a P3 degree of ISO 8501-3). As metal preparation treatment, perform a grade Sa 2½ (ISO 8501-1/3) sandblasting with surface profile between 50 and 80 µm (surface roughness value: Ry5 or RzDIN; corresponding to Medium Grade - 8503-1), by means of an appropriate abrasive. Cover the metal with the required product according to the above mentioned standard and before oxidation starts to appear and colours start modifying their aspect. Blow with fresh and clean air to remove any abrasion or dirt waste and finally apply the required products.

How to Apply

Standard		Brush and roller Only for minor areas and stripe coat
Airless		Pressure 150 bar Nozzle tip 17 – 21 mm

Film Thickness per Coat

DFT	Recommended: 150 µm Standard application range: 125 - 200 µm
WFT	Recommended: 190 µm Standard application range: 160 - 250 µm

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Additional Application Information

Theoretical spreading rate	Application range at the recommended thickness: 150 µm – 6,7 m ² /l
Practical spreading rate	Application range at the recommended thickness: 150 µm – 4,7 m ² /l
Thinner	Food-grade alcohol (max 5%) Tool cleaning - 693
Mixing ratio by volume	3:2
Mixing ratio by weight	66:33
Pot-life at 20 °C	50 min.
Notes	This product is provided in two tins to be mixed entirely and carefully before use. In case it is required, dilution has to be performed after the mixing of the two components. The physical data of two-component products refer to components that have been already mixed.

Compatibility

Previous Coat

N.A.

Proceeding Coat

N.A.

Drying Time

	10 °C		15 °C		20 °C		30 °C	
	Min	Max	Min	Max	Min	Max	Min	Max
Overcoating interval			10 h	24 h	8 h	24 h	6 h	18 h
Complete curing			7 days	7 days	7 days	7 days	5 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. The surface must be superficially sanded if the overcoating interval is exceeded.

Conditions during application

During application and curing:

Ambient temperature: minimum 10 °C, maximum 35 °C.

Minimum substrate temperature 10 °C (if during the curing the temperature drops below 10 °C, overcoating will take additional time).

Avoid the formation of condensation, the surface temperature should be at least 3 °C above dew point.

Maximum relative humidity 85%.

Painting area should be well ventilated, during application and drying/curing.

Storage

It is recommended to avoid exposure to air and extreme temperatures. To maximize the shelf life in the can, check that the container is 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

Comply with the provisions set by the local health and safety at work regulations. Avoid contact with the skin, operate in well-ventilated places and, if in closed areas, use vacuum cleaners, fans and air conveyors. During the application use appropriate PPE - Personal Protections Equipment (masks, gloves, glasses, etc.). Before using, read sections 7-8 of the SDS

INSTRUCTIONS FOR THE DISPOSAL OF THE BIOCIDAL PRODUCTS AND PACKAGING

Empty packaging containing biocidal products: disposal of empty packaging according to the requirements of the waste disposal law, for example by taking them to the recycling centre. 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 centre, recycling of packaging is prohibited in this case. Do not empty into drains or watercourses.

INSTRUCTIONS FOR THE SAFETY SECURITY OF THE 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.

Disclaimer

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.