

ELIOMARE 110

Rev. 08 of 02/21/2019

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Technical Data Sheet No. 0603071800

Denomination	ELIOMARE 110
Description	Zinc Phosphate-Based Anti-Rust Paint
Product Details	Anti-corrosive zinc phosphate-based base coat, suitable for applications on galvanized sheets, light alloys and iron surfaces in marine and industrial environments. Its antioxidant power warrants the treated product during long periods of exposure, even in very severe climatic conditions. It can be recoated with normal finishing products (alkyd-based, chlorinated rubber-based, nitrosynthetic and even water-based acrylic finishing products).
VOC Classification (Directive 2004/42/EC)	One-Pack Performance Coatings. EU limit value for this product (cat. A/i): 500 g/l (2010) This product contains max. 500 g/l VOC
Surface Preparation & Application	NEW GALVANIZED SHEET SURFACES Thoroughly degrease the substrate with a suitable solvent; dry before starting treatment with the application of Eliomare 110 and the subsequent finish. NEW BLACK STEEL SURFACES Remove any traces of calamine on the surface to be treated with careful brushing or chemical pickling process. Thoroughly degrease and apply, as described above. PAINTED SUBSTRATES Thoroughly remove any incoherent or poorly anchored chalky paint by mechanical or manual brushing; clean all surfaces with suitable solvent, even those with paint in good conditions. Begin the treatment as described above.
Practical Advices	Room Temperature: Min. 5°C / Max. 35°C Relative Humidity: Min. 35% / Max. 85% Substrate Conditions: Dry
Available Sizes	2,5 liters - 0,500 liters
Storage	<ul style="list-style-type: none">• Keep container tightly closed in a dry, cool place.• Storage Temperature: up to 5°C / below 35°C.• Shelf Life: 24 months under optimal temperature and R.H. conditions.
Safety Standards	Product labeled according to Regulation 1272/2008 (CLP). For further information, reference should be made to the related Material Safety Data Sheet. Empty containers or containers with slight film traces of dried residual product must be disposed of in accordance with local requirements.



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Technical Features	Laboratory Data @ 20°C, 65% R.H.
Vehicle Type	Modified Alkyd Resins
Specific Weight	1.280 ± 0,5 gr/liter
% Solids	By Weight: 66 % ± 0,5 By Volume: 47 ÷ 48 %
Color	White - Grey
Viscosity Ford Cup No. 6 at 20°C	125 ÷ 135 seconds
Flash Point (°C)	> 21 ~ < 55
Components	One
Dilution (V/V) - Brush	8 %
Thin With	Turpentine
Tools	Brush
Dry Film Total Thickness (Contrast Ratio: Hp ≥ 98)	31,5 microns
Coverage at Recommended Film Thickness	15 m²/liter
Dry to Touch	1 ÷ 2 hours
Dry to Handle	24 hours
Dry to Recoat	Min. 24 hours – Max. 7 days
Dry Film Appearance Specular Gloss @ 85°	Matte < 10 - ≥ 5 gloss
Resistance to Rural, Light Industrial or Marine Environments	Excellent
Temperature Resistance	< + 80°C
Adherence	Excellent

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Giuseppe Di Maria S.p.A. Legal Address: Via Enrico Mattei, 4
90124 PALERMO (PA)
Tel. +39.091.391288 Fax. +39.091.391011
www.dimaria.it E-mail: dimaria@dimaria.it

