

ELIOFER

Rev. 00 of 02/26/2017

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Technical Data Sheet No. 1500030616

Denomination	ELIOFER
Description	Anti-Rust <u>Gloss</u> Enamel for Interiors & Exteriors
Product Details	<p>Anti-rust primer and non-gel finish, with thixotropic and dilating performances. Its external appearance is characterized by high brightness, keeping it for long periods. Innovative finishing product in the field of rust protection.</p> <p>Rust inhibitor + decorative enamel.</p> <p>It can be applied directly on the oxidized iron simply after pickling processes of the surface, removing any poorly anchored rust crusts, ensuring to completely cover possible minimal protuberances by applying the paint film with shielding/passivating effects on the oxidized areas.</p>
VOC Classification (Directive 2004/42/EC)	<p>One-Pack Performance Coatings.</p> <p>EU limit value for this product (cat. A/i): 500 g/l (2010)</p> <p>This product contains max. 500 g/l VOC (Ready-to-Use)</p>
Surface Preparation & Application	<p>OXIDIZED METAL SUBSTRATES</p> <p>Remove any loose or poorly anchored rust.</p> <p>Clean with a cloth soaked in turpentine.</p> <p>Apply 1 ÷ 2 coats of thixotropic enamel with a brush.</p> <p>Allow at least 24 hours to elapse between each coat.</p>
Practical Advices	<p>Room Temperature: Min. 5°C / Max. 35°C</p> <p>Relative Humidity: Min. 35% / Max. 85%</p> <p>Substrate Conditions: Dry</p>
Available Sizes	<p>2,5 liters – Boxes of 2 pieces</p> <p>0,750 liters – Boxes of 6 pieces</p>
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	<p>Product labeled according to Regulation 1272/2008 (CLP).</p> <p>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.</p>



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Technical Features	Laboratory Data @ 20°C, 65% R.H.
Vehicle Type	Urethane Alkyd Resins
Specific Weight	970 ÷ 1.250 gr/liter – White & Tints as per Color Chart 1.015 ÷ 1.250 gr/liter – Tintometric Bases
% Solids	By Weight: 62,8 ÷ 70,2 By Volume: 53,0 ÷ 55,0
Color	White; Color Chart (9 Tints), Integrated with Four Bases in the Eliocolor Performance Tintometric System
Viscosity	T.F.4: 150" ÷ 180" – White & Tints as per Color Chart T.F.4: 150" ÷ 160" - White & Tints as per Color Chart When stored for a long time, the product tends to assume a thixotropic consistency that it loses after simple mixing.
Components	One
Dilution (V/V) - Brush	Ready-to-Use
Thin With	Turpentine (only if necessary to facilitate brushability in summer periods)
Tools	Brush
Dry Film Thickness (per Coat)	42 ÷ 45 microns
Coverage at Recommended Film Thickness	11 ÷ 13 m ² /liter (per coat)
Dry to Touch	5 ÷ 6 hours
Dry to Handle	18 hours
Dry to Recoat	Min. 12 hours
Dry Film Appearance: Immediate Dry Film Appearance: after Six Months of External Exposure.	@ 60° = 90 gloss Gloss @ 60° = 85 gloss Gloss
Resistance to Rural, Light Industrial or Marine Environments	Excellent
Temperature Resistance	< + 80°C
Elasticity	Very Good

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