

ELIOSTEEL

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Technical Data Sheet No. 1600040407

Denomination	ELIOSTEEL
Description	Anti-Rust Gel Enamel
Product Details	<p>Innovative finishing product in the field of rust protection. Rust inhibitor + decorative enamel. It can be applied directly on the oxidized iron without preventive treatments, both indoor and outdoor. Its controlled thixotropy allows the application of high thicknesses without drips and, at the same time, dilates the paint film perfectly.</p>
VOC Classification (Directive 2004/42/EC)	<p>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</p>
Surface Preparation & Application	<p>OXIDIZED METAL SURFACES Remove any loose or poorly anchored rust. Clean with a cloth soaked in turpentine. Apply 1 - 2 coats of gel with a brush, without mixing or diluting. Allow at least 24 hours to elapse between one coat and another.</p>
Practical Advices	<p>Room Temperature: Min. 5°C / Max. 35°C Relative Humidity: Min. 35% / Max. 85% Substrate Conditions: Dry</p>
Available Sizes	4 liters (available on request) - 0,750 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	<p>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.</p>

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Technical Features	Laboratory Data @ 20°C, 65% R.H.
Vehicle Type	Alkyd Resins
Specific Weight	940 ÷ 1.370 gr/liter
% Solids	By Weight: 58,5 ÷ 71,0 % By Volume: 48,5 ÷ 51,0 %
Color	Tints (as per Color Chart) & Antiquing Finishes
Viscosity	Thixotropic
Flash Point	> 21 ~ < 55
Components	One
Dilution (V/V) - Brush	Ready-to-Use
Thin With	Turpentine (only for tools cleaning)
Tools	Brush
Dry Film Total Thickness (Contrast Ratio: Hp ≥ 98)	72 ÷ 76 µm
Coverage at Recommended Film Thickness	6,7 m ² /liter
Dry to Touch	2 ÷ 4 hours
Dry to Handle	24 hours
Dry to Recoat	Min. 24 hours – Max. N/A
Dry Film Appearance	Tints (Gloss Version)@ 60° = ≥ 60 glossGloss Tints (Satin Version)@ 60° = < 30 - ≥ 10 glossSemi-Matte Tints (Micaceous Iron Version) ...@ 85° = < 5 glossVery Matte
Resistance to Rural, Light Industrial or Marine Environments	Good. Excellent in the "Micaceous Iron" Version.
Temperature Resistance	< + 80°C
Elasticity	Good

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