

# ELIOCAR RE

Rev. 03 of 02/21/2019

P. 1 of 2

Technical Data Sheet No. 1009931530

**Denomination** ELIOCAR RE

**Description** Fast-Drying Nitrosynthetic Enamel

**Product Details** Fast-drying nitrosynthetic enamel, for industrial maintenance, agricultural machines, truck bodies. Good brightness and resistance to detergents and water droplet erosion. Applicable by spray gun.

**VOC Classification**  
(Directive 2004/42/EC) Not intended for uses contained in Legislative Decree No. 161/2006 (in Italy).

**Surface Preparation & Application**

## NEW IRON SUBSTRATES

Commercial sandblasting grade Sa 2 (Svenk Standard SIS 1967).

Apply a layer of anti-rust product.

After 12 hours, apply ELIOCAR enamel with a spray gun.

## PAINTED IRON SUBSTRATES

Accurate sandblasting grade St 3 by removing poorly anchored rust crusts.

Treat the entire surface with ELIOMETAL rust converter. Wash with high-pressure water or with a soft-bristle brush. Apply a layer of anti-rust product.

Proceed with the application of ELIOCAR enamel with a spray gun.

## GALVANIZED SHEET SUBSTRATES

Accurate degreasing with solvents (naphtha - petroleum - trichlorethylene).

Apply a first coat of ELIOMARE 110 zinc phosphate-based primer.

Proceed with the application of ELIOCAR enamel with a spray gun.

**Practical Advices**

Room Temperature: Min. 5°C / Max. 35°C

Relative Humidity: Min. 35% / Max. 85%

Substrate Conditions: +3°C above the dewpoint temperature (see specifications)

**Available Sizes**

20 Kg - 5 Kg - 1 Kg

**Storage**

- Keep container tightly closed in a dry, cool place.
- Storage Temperature: up to 5°C / below 40°C.
- Shelf Life: 18 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 - Nitrocellulose
Specific Weight	1.000 ÷ 1.180 gr/liter
% Solids	By Weight: 44,0 ÷ 59,1% By Volume: 36,1 ÷ 41,0%
Color	RAL Tints
Viscosity Ford Cup No. 4 at 20°C	180 ÷ 300 seconds
Filmability at Low Temperature	Good at + 5°C
Flash Point	21 ÷ 55°C
Components	One
Dilution (V/V) - Brush	15 ÷ 30%
Thin With	"Diluyente Nitro Special" Thinner
Tools	Conventional Spray Gun; Airless Spray Gun (Nozzles 17 ÷ 21 mill. poll.) Working Pressure: 4,5 bar (65 LBS - 145 kg/cm²)
Dry Film Total Thickness (Contrast Ratio: Hp ≥ 98)	40 microns
Coverage at Recommended Film Thickness	10 ÷ 13,6 m²/liter
Dry to Touch	10 minutes
Dry to Handle	8 hours
Dry to Recoat	Wet on Wet
Dry Film Appearance Specular Gloss @ 60°	Gloss ≥ 60 gloss
Water Droplet Erosion Resistance	Good
Temperature Resistance	Continuous .....+80°C Discontinuous .....+100°C
Adherence	Excellent

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