

Lubens Smalto Rapid

Description

Fast-drying indoor/outdoor synthetic enamel paint based on air drying short-oil alkyd resins. It is characterized by good colour retention, high hiding power and fast drying. It also shows good mechanical properties, resistance to saline fog and atmospheric agents, good overpainting characteristics.

Available in glossy or satin version.

Uses

Suitable for painting metal structures and iron works in general.

Surface preparation

In order to obtain excellent results, it is of prime importance to accurately clean the substrate.

New iron: sandblast (grade SA 2) or brush, then dust until any trace of mill scale is removed. Degrease with DILUENTE N and dry off. Apply 1-2 coats of LUBENS ANTIRUGGINE or LUBENS ANTIRUGGINE RAPID TOP.

Painted iron: thoroughly brush any trace of rust; old incoherent or chalking paints must be totally removed by brushing or chemical pickling. Old paints in good conditions must be cleaned, degreased, sanpapered or brushed and dusted accurately. Apply LUBENS ANTIRUGGINE RAPID TOP as a base-coat. If corroded parts are present, it is advisable to apply 2 coats of anti-rust paint.

In presence of severe rust on the substrate, it is advisable to apply a coat of rust converter. Using a rust converter, even on substrates scarcely affected by rust, provides greater quality to the painting work.

Galvanized steel sheets, aluminium and light alloys: thoroughly clean from slags and oxidation by sandpapering, then degrease with organic solvents. Apply 1-2 coats of LUBENS ANTIRUGGINE RAPID TOP.

Once the surface has been prepared, do not allow the metal to stay unprotected for longer than 12 hours without applying a temporary protective coating or a coat of anti-rust paint, in order to prevent the formation of oxidation that could impair the lifetime of the top-coats.

Application

Before applying, accurately mix the product until uniform colour and consistency are obtained.

Apply LUBENS RAPID by spray. A 2nd coat shall be applied within 2 hours, or after 24 hours, from the 1st coat.

Apply at temperatures between 5°C and 30°C. Avoid application on ice-cold or damp surfaces, or exposed to sun, in presence of strong wind, in imminence of rain or with high relative humidity. If applied indoors, ensure ventilation during the application.

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Dilution

5-10% (by weight) with DILUENTE X or DILUENTE N.

Cleaning tools

With DILUENTE N immediately after use.

Storage

12 months in sealed container, away from sources of heat, in a cool and ventilated place, repaired from frost.

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Technical data

PRODUCT	Fast-drying synthetic top-coat
SPECIFIC WEIGHT	1,120 ± 0,100 kg/l, depending on the shade
VISCOSITY	1500 ± 500 cP Brookfield at 23°C
GLOSS	Glossy = 75 ± 5 g.u. (60°) Satin = 40 ± 5 g.u. (60°)
COLOUR	White, RAL colours
RECOMMENDED THICKNESS	40-50 dry µm for each coat
RECOMMENDED COATS	2 coats
RECOAT TIME	Within 2 hours, or after 24 hours from the 1 st coat
APPLICATION METHOD	Air-mix spray gun: nozzle Ø 1,3-1,5 mm spray pressure 3-4 atm Airless: nozzle Ø 0,4-0,5 mm compression ratio 30:1 spray pressure 120-150 atm (max. 10% DILUENTE X)
THEORETICAL YIELD	6-8 m ² /l for 2 coats
DUST-FREE TIME	ca. 30 minutes
TOUCH-DRY (23°C)	1-2 hours
DEEP-DRY (23°C)	24 hours

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