

Lubens Smalto

Description

High-quality solventborne indoor/outdoor alkyd-urethane enamel paint. It stands out for its high coverage, gloss, non-yellowing, fullness, elasticity and levelling characteristics. The excellent resistance to abrasion, atmospheric agents and pollutants, the stability of colour and gloss make LUBENS SMALTO also suitable for marine and industrial environments. Available in glossy or satin version.

Uses

It is used as a finishing top-coat for painting various substrates such as iron and wood works, carpentry, masonry, et cetera.

Surface preparation

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

New wood: sand with fine-grit sandpaper, dust, degrease if necessary, then apply 1 coat of matt base-coat paint CEMENTIFOND (water-dilutable) or FONDO SINTETICO OPACO (solventborne). If the substrate is damaged, repair with plaster, wait for it to dry, sandpaper in order to smoothen the grain of the wood and possible flaws and excess of plaster, dust off.

Painted wood: 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 1 coat of matt base-coat paint CEMENTIFOND (water-dilutable) or FONDO SINTETICO OPACO (solventborne). If the substrate is damaged, repair with plaster, wait for it to dry, sandpaper in order to smoothen the grain of the wood and possible flaws and excess of plaster, dust off.

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 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.

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. Apply 1-2 coats of LUBENS ANTIRUGGINE or LUBENS ANTIRUGGINE TOP.

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 TOP.

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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 2 coats of LUBENS SMALTO by brush, roller or spray. Allow at least 18 hours between each coat. If more than 72 hours have passed since the application of the anticorrosive base-coat, it is necessary to finely sandpaper before applying the finishing top-coats. 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.

Dilution

Add 5% of DILUENTE A for brush or roller applications, 10-15% of DILUENTE X for spray applications.

Cleaning tools

With solvent immediately after use.

Storage

24 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	Alkyd-urethane top-coat
SPECIFIC WEIGHT	1,100 ± 0,100 kg/l, depending on the shade
VISCOSITY	2500 ± 500 cP Brookfield at 23°C
GLOSS	Gloss = 90 ± 2 g.u. (60°) Satin = 45 ± 2 g.u. (60°)
COLOUR	White, <i>palette</i> tones, RAL colours
RECOMMENDED THICKNESS	40-50 dry µm for each coat
RECOMMENDED COATS	2 coats spaced out by at least 18 hours
RECOAT TIME	At least 18 hours
APPLICATION METHOD	Air-mix spray gun: nozzle Ø 1,3-1,7 mm spray pressure 3,5-4,5 atm. Airless: nozzle Ø 0,3-0,4 mm compression ratio 30:1 spray pressure 90-120 atm (max. 15% DILUENTE X) Brush, roller
THEORETICAL YIELD	7-8 m²/l for 2 coats
DUST-FREE TIME	3-4 hours
TOUCH-DRY (23°C)	6-7 hours
DEEP-DRY (23°C)	24-36 hours

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