

Lubens Termo 300

Description

Top-coat paint based on silicone resin combined with modified alkyd resin, pigments and fillers stable at high temperatures. It has good adhesion, anticorrosive properties and resistance to high temperatures up to 300° C.

Uses

Recommended for treating exhaust ducts, ovens, chimneys, barbecues, and any other substrate reaching operating temperatures up to 300°C.

Surface preparation

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

New iron: sandblast (grade SA 2-2,5) or brush, then dust until any trace of mill scale is removed. Degrease with DILUENTE N and dry off. For best results, apply a zinc-based primer.

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, sanded 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 a suitable primer on uncoated spots. For best results, apply a zinc-based primer.

Galvanized steel sheets, aluminium and light alloys: thoroughly clean from slags and oxidation by sandpapering, then degrease with organic solvents. For best results, apply a zinc-based primer.

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.

If the application of a primer is not feasible, it is possible to apply LUBENS TERMO 300 directly onto the substrate treated as afore-described.

LUBENS TERMO 300 can be applied by brush, roller or spray. A single coat is generally sufficient but, if necessary, it is possible to overpaint after 18 hours.

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) of DILUENTE X, depending on the application method.

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	Synthetic top-coat based on silicone resin
SPECIFIC WEIGHT	1,100 ± 0,050 kg/l
VISCOSITY	2000 ± 500 cP Brookfield at 23°C
GLOSS	25 ± 5 g.u. (60°)
COLOUR	Black, aluminium, colours upon request
RECOMMENDED THICKNESS	30-40 dry µm for each coat
RECOMMENDED COATS	1-2 coats
RECOAT TIME	After 18 hours
APPLICATION METHOD	Air-mix spray gun: nozzle Ø 1,4-1,6 mm spray pressure 3-4 atm Brush, roller
THEORETICAL YIELD	6-7 m ² /l for 2 coats
DUST-FREE TIME	ca. 1 hour
TOUCH-DRY (23°C)	5-6 hours
DEEP-DRY (23°C)	24 hours

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