

Technical Datasheet

DTM Smooth

Product Description

One-component satin finish self-primed paint based on phenolic -modified alkyd resin. Intended for direct application on ferrous metals, aluminum and galvanized surfaces in interior and exterior use. Serves as a primer and topcoat at the same time. Indicated for both DIY- and industrial customers.

Special Features

- Extremely quick drying
- Contains a zinc-phosphate rust-inhibitor providing the product very good anticorrosive protection
- Can be also used for painting walls, wood etc. after application of a suitable primer

Surface Preparation

Galvanized metal and aluminum: Metal surfaces must be clean, dry and abraded, with dust, dirt, wax and grease removed

Ferrous metals: Metal surfaces must be clean, dry and abraded, with dust, dirt, wax and grease removed. Corrosion and any loose material must be scraped, chipped, wire brushed or otherwise abraded to remove such contamination.

Application

Can be applied by brush, roller or sprayer in 2 coats. When applied by regular sprayer, use an air pressure of 3-4 atmospheres. For airless sprayer, use an air pressure of 5-6 atmospheres.

Limitation: Do not apply the material when the temperature is below 7 °C or when rain is predicted.

Dilution: With Nirlat Thinner 032 (Xylene). Dilute in quantity (by volume) up to 5 % when applied by brush or a roller, 20 % when applied by a regular sprayer and 10 % when applied by airless sprayer.

Thinner: Use Nirlat Thinner 032 (Xylene) for dilution and cleaning of hands and tools.

Technical data

Solids content by volume: 47 ± 3% depending on the shade

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Solids content by weight: 56-63 ± 3 % depending on the shade

DFT (Dry Film Thickness) per coat: 30-40 microns

Gloss level: Satin

Colour: According to Nirlat Colour IS card and RAL.

Theoretical Coverage*: 9.00-10.00 m²/ L in 2 coats

* The spread rate is calculated according to the work of a skilled laborer on a surface with an ordinary degree of absorption and may vary according to the working method, surface and weather conditions.

Drying time:

To-touch: 15 minutes

To handle: 1-2 hours.

To recoat: 4 hours

Clean-up: Use Thinner 032 (Xylene) to wash hands and tools immediately after use.

Packaging: 0.75, 4.5 and 18 L.

Shelf life and storage: 24 months in a cool, dry well-ventilated area in original container.

VOC (Volatile Organic Compounds):

EU limit value for this product category A/d (Interior/exterior trim and cladding paints for wood and metal- SB): 400 g/l (2007) and 300 g/l (2010). This product contains max 207.4 g/l.

Health and Safety precautions: The material does not contain lead. During application it is advisable to wear goggles and ensure that the site is adequately ventilated. If the paint comes in contact with eyes, rinse well under running water and seek medical assistance. Keep the package tightly closed. Do not hang on the handle. Keep away from children. Do not mix materials not recommended by Nirlat.

General Notes: The aforementioned recommendations are not to be perceived as substitute for consultation in writing specific work specifications. All the data and recommendations presented here are based on tests, knowledge and experience that have accumulated in the laboratory and on-site and they are highly reliable. This is not to be interpreted as a general warranty either explicit or implicit. The warranty is for product quality only. The user must examine the suitability thereof for his purposes. We reserve the right to update or change the data without prior notice.