

# TECHNICAL DATA SHEET

Date of issue: 14/07/2021

Last updating: n°1 28/10/2021



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|                                        |                                             |                             |                |
|----------------------------------------|---------------------------------------------|-----------------------------|----------------|
| <b>Name:</b>                           | <b>SIROFLEX WHITE MATT</b>                  | <b>Category:</b>            | <b>paint</b>   |
| <b>Definition:</b>                     | <b>Synthetic fast-drying primer-topcoat</b> | <b>V.O.C. ready to use:</b> | <b>500 g/l</b> |
| <b>Code:</b>                           | <b>78.3.90130</b>                           | <b>V.O.C. limit:</b>        | <b>500 g/l</b> |
| <b>Product according to 2004/42/CE</b> |                                             |                             |                |

## NATURE OF THE PRODUCT

Matt primer-topcoat based on fast-drying vinyl-alkyd resins.

## GENERAL USES

Product suitable for the protection of metal surfaces, steel, galvanized sheets, steel structural works, agricultural machines and machines tools.

Product included in the Do.It.Yourself Line for specific uses in the protection or renovation of metal door and window frames or furnishing accessories, for indoor and outdoor applications.

## APPLICATION METHOD

### PREPARATION OF SURFACES

The cleaning of the application surface should be total and painstaking and it is a fundamental and necessary condition to obtain positive result of the painting cycle. Therefore, it is necessary to remove substances such as grease, oil and dirt from the substrate, and to remove incoherent parts, rust and calamine.

- Ferrous surfaces. Prepare the surface with SA2 ½ grade sandblasting. Alternatively, carry out a perfect mechanical cleaning of the support by sanding, removing imperfections and traces of rust with a wire brush. Then complete the cleaning by degreasing with aqueous solutions of surfactants or with specific organic solvents.
- Galvanized sheet. Clean the substrate by removing any oxidized parts with careful flatting with coarse-grained scotch brite, followed by degreasing with aqueous solutions of surfactants or with specific organic solvents.

### PREPARATION OF THE PRODUCT

Carefully mix until an even colour and consistency are obtained. Dilute with our synthetic thinner 07.005 or antifog nitro thinner 07.001 at maximum 5-10% for spray gun applications. For brush or roller applications: dilute maximum at 5%.

## APPLICATION

Spray gun: nozzles of 1.4-1.7 mm diameter and 3-5 atm pressure.

Airless: nozzle 0.09 inches, 180-240 bar pressure

Roller or brush: Preferably for small surfaces

## TECHNICAL DATA

|                                      |                    |
|--------------------------------------|--------------------|
| <b>PRODUCT TYPE:</b>                 | One pack product   |
| <b>FILM APPEARANCE (ASTM D 523):</b> | Matt, (<10 gloss)  |
| <b>COLOURS:</b>                      | White              |
| <b>SPECIFIC WEIGHT (ISO 2811):</b>   | 1,52 (± 0,05) kg/l |

This information is based on our present knowledge and is intended to provide information about our products and their employment opportunities. They are not intended therefore to provide certain specific properties of the products or their fitness for specific application. We guarantee the quality of our product under our conditions of sale.

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**SUPPLY VISCOSITY (DIN 53211):** 6000 ± 2000 cPs a 23° C

**SOLID ON VOLUME:** 48 ± 2%

**SOLIDS CONTENT:** 70 ± 2%

**DRYING AT 20°C**

- Dust dry: 20-30 minutes
- Touch dry: 3-4 hours
- Total hardening : 48 hours
- Forced drying 45 minutes at 80°C
- Maximum chemical resistance: After 7 days

**RECOMMENDED COATS:** One crossed coat

**THICKNESS <sup>1</sup>:** 60-80 µm

**THEORETIC YIELD <sup>2</sup>:** 4-6 m<sup>2</sup>/L

**REPAINTING:** The product can be overcoated after 4-6 hours or after more than 72 hours, after light sanding.

**STORAGE STABILITY:** Eighteen months, stored in closed packs, in a cool, dry place, away from any sources of heat.

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<sup>1</sup> Considering a dry film.

<sup>2</sup> The theoretical yield has been calculated for the thickness suggested and over plane and regular surfaces.