

TECHNICAL DATA SHEET

Date of issue: 26/02/2021

Last updating:



Name: MONODUR WHITE

Definition: One-pack primer

Code: 49.9.90130

Category: Primer

C.O.V. ready to use: < 750 g/l

C.O.V. limit: 750 g/l

Product according to 2004/42/CE

NATURE OF THE PRODUCT

One-pack primer based on polyvinyl butyral and phenolic resins with improved adhesion to metal surfaces.

GENERAL USES

Specific product for the Do-It-Yourself Line. Primer for general use, steel structural works, metal furniture, doors and window frames, etc. It can be applied with direct adhesion on iron, galvanized sheet or aluminium¹ surfaces.

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.

This means that the presence of grease, oils, dirty, rust and calamine on the surfaces is absolutely not allowed.

- Ferrous surfaces: remove any trace of rust, calamine, grease and humidity, by careful mechanical cleaning, with a wire brush or abrasive paper, followed by degreasing by washing with organic solvents or surfactants in aqueous solutions.
- Aluminium: mechanical abrasion by sanding, degrease with organic solvents or surfactants in aqueous solutions.
- Galvanized sheet: light sanding followed by degreasing with organic solvents or surfactants in aqueous solutions.

PREPARATION OF THE PRODUCT

Carefully mix until an even colour and consistency are obtained. Dilute with our nitro thinner 07.001 at 50-70%.

APPLICATION:

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

Brush or roller: preferably for large surfaces²

TECHNICAL DATA

PRODUCT TYPE: One pack product.

FILM APPEARANCE: Matt, 20±5 gloss

COLOURS: White

¹ On aluminium without chromium plating, it is necessary to roughen the substrate by sanding or other suitable treatment with a light sanding before apply the product to remove the passivation layer.

² You may need Antifoam additive 03.009 in order to avoid bubble formation whilst using these tools.

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SPECIFIC WEIGHT: 1,00 g/cm³ (±0,08)

SUPPLY VISCOSITY: 13" Ford 8 at 20° C (± 2")

SOLID ON VOLUME: 36% (± 4)

SOLIDS CONTENT: 36% (± 4)

DRYING AT 20°C:

- Dust dry: 10-15 minutes
- Touch dry: 40 minutes - 1 hour
- Total hardening: 24 hours
- Forced drying: 30 minutes at 60° C
- Maximum chemical resistance: after 10 days

RECOMMENDED COATS: One coat

THICKNESS: 10-15 µm

THEORETIC YIELD: 10-12 m²/L

REPAINTING3: The product can be overcoated after 30 - 60 minutes from the application, with a primer or topcoat. The product, after total hardening, can be painted with quick-drying or synthetic enamels. With vinyl, nitrosynthetic, polyurethane and epoxy products, you may have problems with this primer, often due to the type of solvent typical for these topcoats. In these cases, we recommend carrying out preliminary compatibility tests with the topcoat product.

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