

METAL-FOND PRIMER

Adhesion promoting gripping primer

Description: Quick-drying primer, formulated with selected synthetic resins and pure organic solvents.

Advantages:

- High adhesion ability, including on pre-painted metal surfaces.
- Quick drying film.
- Promotes adhesion of subsequent finish coats.

Applications: Improves adhesion for subsequent surface applications of paints and liquid membranes on metal substrates such as aluminium, galvanised and/or painted sheet metal.

Surface preparation:

- Make sure that the surface is free from detached parts, loose debris or non-adherent parts, coatings, rust, powder, or release oils; carefully clean the surfaces, which must be sound and dry. Avoid application if bad weather is forecast, as it could negatively affect the proper drying of the product.
- Apply at temperatures between 0°C and +35°C; avoid extremely hot or cold conditions during application and drying of the film.

Application:

- Mix Metal-Fond Primer thoroughly before application.
- Apply by brush, broom, roller or spray.
- The product is ready to use.
- Drying time depends on the thickness of the film by the temperature of both the surface and the surrounding environment. The film generally dries within about an hour of application, which can take up to 2 hours in the presence of high primer thicknesses or cold temperatures.
- The treated surfaces take on a dull and rough appearance.
- The tools can be cleaned with the common synthetic or nitro thinners.

Consumption: -Primer consumption varies between 200 and 300 g/m².

Warnings:

- Before covering, check that the primer must be completely dried.
- Make sure that holes, joints and aerators are closed before application.
- Do not use inside residential buildings or in non-ventilated premises.
- Do not use to waterproof surfaces or containers intended to contain edible liquids, drinking water or which are in contact with solvents or mineral oils.
- In the presence of fog or very high humidity, the formation of the film and therefore the drying of the material will be slower. Even high thickness or dilution can increase drying times.
- Flammable product.
- Store in tightly sealed original packaging.
- Do not expose to temperatures over 30 °C, direct sunlight, heat sources, open flames or other sources of ignition.
- Comply with the information on the safety data sheet.
- Consult the information at the bottom of this document.

Packaging: 5, 10, and 20 L metal pails.

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Technical data:

MAIN CHARACTERISTICS		
Appearance		Liquid
Colour		Yellow-Orange
Shelf life in closed original packaging		24 months
Closed-cup flash point	ASTM D3828-87	> +23 °C
Solid content (<i>m/m at 130 °C</i>)	EN ISO 3251	(28-30)%
Density (<i>at 20 °C</i>)	EN ISO 2811-1	(0.94 - 1.00) kg/L
Viscosity (<i>Flow time at 20 °C, DIN/4 mm cup</i>)	EN ISO 2431	22 - 30 seconds
Drying time		60 - 100 minutes*

* Measurements have been recorded at a temperature of 23 °C and with 50% moisture. Declared data may vary depending on the thickness of the applied product and on the specific conditions of the construction site: temperature, humidity, ventilation, and absorbency of surfaces.

The advice and technical information provided represent HA ITALIA S.p.A.'s best knowledge of product properties and use. Considering the different situations of use of the products and factors beyond our control (media, working conditions, failure to comply with instructions), we cannot be held responsible for the results obtained. Before using the product, anyone who intends to make use of it is required to determine whether it is suitable for the intended use and assumes full liability for whatever may arise from its use.

HA Italia disclaims any and all liability arising from failure to observe the warnings mentioned in this data sheet and failure to comply with the requirements set out in the safety data sheet.

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