

# Unimetal

Universal metal primer and top coat, matt finish, for metal, galvanized sheet and light alloys.



Mod. 51 Rev 64

Date of update 30/10/2019

## CHARACTERISTICS:

**UNIMETAL** is a solvent-based metal paint that can be used as a primer or top coat on iron and galvanized sheet, for indoor and outdoor use, on gates, railings, gutters, down pipes etc..

## USE:

**UNIMETAL** is ideal as a finish applied on wooden and iron surfaces in indoor and outdoor.

## PREPARATION AND APPLICATION:

By brush	Dilute w/	Paint thinner 1%
By spray	Dilute w/	Paint thinner 4%
Airbrush	Spray nozzle	mm 1,8
	Pressure	Atm 3-4
Airless	Spray nozzle	0.013 – 0.019 inches
	Pressure	120 - 160 Kg/cm <sup>2</sup>
	Compression Ratio	30 ÷ 1

**On bare sheet, perfectly clean, degreased and rust free:** Apply **UNIMETAL** directly.

**On properly treated and pickled galvanized sheet:** Apply **UNIMETAL** directly.

**UNIMETAL** is preferably applied in a single coat with an even thickness. In the case that a second coat is required, it is advisable to apply it by spray or brush, quickly, without insisting with the brush, in order to avoid film detachment.

**UNIMETAL** can be overpainted with **GABBIANO** or other fast-drying synthetic enamels.

## IMPORTANT NOTES:

- Before applying, make sure the substrate is perfectly dry and cured and perfectly anchored. Surface must be clean and free from dirt, grease, rust, moulds, fungi, bacteria, efflorescence or anything else likely to prevent good adhesion and a successful result.
- Mix the product before use.
- Store in a cool, dry place away from sunlight at a temperature above +5°C.
- Use the product at room and surface temperature between + 5°C and + 35°C and with relative humidity not above 75%
- Avoid drying in environment or surface temperature below + 5°C
- Ensure to have enough coloured product of the same batch in order to complete the job or at least complete portions of it that will avoid drawing attention of differences in hues.
- Wash all tools with paint thinner immediately after use.

## TECHNICAL DATA:

Viscosity Cup 8	14 ± 2 Sec
Specific weight	1.18 ± 0.05 kg/l
Volume solids	60 ± 2 %
Recommended thickness	50 ± 5 microns
Coverage	11 - 12 m <sup>2</sup> /l
Gloss index	25 – 40 G at 60°(depending on the colour).
Thinner	Paint thinner
Drying time at 20°	Dust free 30 min Touch dry 2 hrs In depth 16 hrs Overpaint 24 hrs
Packages	2.5 l – 0.75 l
Colours	White, oxide red, black, dark brown, copper.

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**Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:**

Classification: i/s) High performance monocomponent paints

Limit Phase II (from 01/01/ 2010): 500 g/l

VOC in preparation: < 500 g/l (max).

The above information has been obtained from scrupulously controlled tests, and represents our best and most recent knowledge. This information is provided for reference purposes only. It is not binding upon the manufacturer, and neither may it constitute grounds for any kind of complaint whatsoever associated with the use of the products described, also considering that the conditions of use are beyond our control.

Please refer to the relevant Safety Data Sheet.