

## General Description:

MAS FERRO is a satin finish for interiors with aesthetic effect of iron oxide material. It has been developed with the most advanced technologies to provide durability, washability and environment friendly paints. This product is created to give new decorative and protective solutions for interior and exterior.

## Advantages and Usages:

It is ideal to use as a final coat for classic style decoration finish on wall surfaces. It protects steel gates and fences and similar iron fittings against climate aggressiveness. Also for wood and plastics.

## Application:

To obtain the best aesthetic effect and quality results, we suggest following our application recommendations.

**NEW CONCRETE WALLS** – the wall must be fully dry without alkaline substance and it should be smooth. Otherwise, scrape with PVA Wallfiller, then sand with 180 grit sandpaper. Apply onecoat of MAS Masonry Primer prior to the application of Mastex Premium by stainless steel trowel, sponge/brush or roller to obtained a classical effect and topcoated with MAS Ferro by brush or roller.

**NEW WOOD** – application of Undercoat Enamel, en apply one coat of MAS PVA Wallfiller (if necessary) and sand with Sand paper to obtain a smooth finish. Apply one or two coats of MAS Ferro with an interval of 5–6 hours at room temperature.

**OLD WOOD, OLD IRON** – (previously painted with alkyds and P.U. paints). Smoothen with 280 – 300 grit sand paper to facilitate the adhesion of alkyd-based primer and then the MAS Ferro.

**NEW IRON** – smoothen the surface with sandpaper. Remove traces of oil, grease and other contaminants. Apply one coat of Standard Deruster. Apply one coat of alkyd-based primer prior to the application of two coats of MAS Ferro.

**LIGHT ALLOYS** – remove grease and smooth the surface and apply a coat of adequate primer. Apply desired coat of MAS Ferro to create a unique and classical decorative finish.

## Characteristics and Physical Properties:

Composition	Acrylic resins and special pigments
Diluents	Water
Color	As per Catalogue
pH	8 - 9
Specific weight	1.70 kg/L
Theo. yield	3 – 5 m <sup>2</sup> /L
Appearance	Satin
Dilution	5 – 10% max.
VOC	42 g/L
Storage life	12 months

## Technical Features:

**Temperature for application:** Apply MAS Ferro at a temperature higher than 5<sup>0</sup>C but not more than 40<sup>0</sup>C.

**Drying:** Dust dry after 1 hour at 20<sup>0</sup>C and dries in 3 hours. Hardens after 24 hours depending on the room temperature.

**Resistance:** the elastic film obtained after a complete drying is shock and abrasion resistant.

**Scrub resistance:** As per ASTM D 2486 is > 1200 cycles.

**Washing resistance:** It resists alcohol, water and common soaps

**Fire Reaction:** negative when the product is applied onto non-inflammable surface.

## Storage:

The product must be stored in accordance with national regulations. The product should be kept in a cool and ventilated area, protected from heat and direct sunlight. Containers must be kept tightly closed.

## Cleaning of Tools:

All tools should be clean immediately with water.

## Packaging:

Available in USG and 5USG

## Precautions:

See Safety Indication Sheet

**NOTE:** The color in the catalogue serves only as guidelines and we cannot guarantee the perfect reproduction of the colors.

*The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.*

## MAS PAINTS & CHEMICAL INDUSTRY

P.O. BOX NO: 23085, SAJJAH INDUSTRIAL AREA,  
SHARJAH, UNITED ARAB EMIRATES

TEL NO: 009716 5311777; FAX: 009716 5311330

Website : <http://www.mas-paints.com>

Email : [masuae@emirates.net.ae](mailto:masuae@emirates.net.ae)

