

501902

Date of Registration

03-02-2023 FOR METAL

Version

8 03/ 06/ 2025

ANTI-CORROSION PROTECTION




TYPE

Enamels / Tintometric systems

LINE NIE

Antioxidant for metals (water-based)

DESCRIPTION

Water-based enamel, antioxidant and applicable directly on rust, with high protection against corrosion.

Anti-scratch finish, smooth 3-in-1: treatment rust, primer and layer

It saves time and materials because it does not require a separate primer and dries faster than traditional synthetic enamels.

Email decorative of HIGH-quality and durability.

This product contributes to LEED®, BREEAM® and VERDE certifications.

USE

Exterior/Interior

Oxidized iron or steel

Iron and its derivatives

PROPERTIES

Good for applying directly to rust

Acts as an enamel and anti-rust agent

Reaction to fire classification: B-s1, d0 according to standard UNE-EN 13501-1

Retains color and shine well over time

Certified by an external laboratory according to UNE EN ISO 9227:2017 – anti-corrosion capacity in salt spray

Sealed, waterproof, very tough and completely washable finish

TECHNICAL SPECIFICATIONS

| | |
|---------------------------|---|
| Color | Dark Grey, Blue Grey |
| Finish | Satin |
| Specific gravity | 1.2± 0.05 kg/l |
| Viscosity | 40 +/- 5 PO |
| Solids by volume | 41± 1 |
| Solids by weight | 52± 1 |
| comm | How. i/ BA 140/ 140 (2007/ 2010): 81.99 g/l |
| Coverage rate | 8-10 m²/L |
| Dry to the touch | (20° C RH: 60%): 30' |
| Drying upon reapplication | (20° C RH: 60%): 4h |
| colors | Dark Grey, Blue Grey |

SURFACE PREPARATION

New surfaces

For new and/or rusty iron and steel:

The surface must be clean, free of impurities and/or residues, well degreased, free of scale and dry.

If there are rust stains, complete removal is not necessary – just light sanding and removing loose particles, if any. Then apply Ferrorite Acqua directly.

In areas with corrosion, remove loose rust and scale using wire brushes or abrasive brushes (ST3).

Restoration and maintenance:

The surface must be free of foreign products and/or residues, well degreased and dry.

Clean, degrease and apply directly to matte paints in good condition.

On satin or glossy paints in good condition, it is recommended to mattify the surface (light sanding to improve adhesion) and apply directly.

On painted areas in poor condition, remove the paint by mechanical or chemical means and treat as a new surface.

On old painted areas, where the composition is unknown or there are doubts about adhesion, it is always recommended

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adhesion tests should be carried out beforehand.

HOW TO USE

Application notes
Apply to a clean, dry surface, removing dirt with degreasers or detergents and clean water.
Mix the product until perfectly homogeneous.
Do not apply the product at high temperatures or on surfaces exposed to strong sunlight.
Maintain good ventilation conditions during drying.
Do not apply if relative humidity exceeds 80%.
Variations in drying time, yield or other properties may occur depending on climatic and application conditions.
It is recommended to apply a minimum of two coats, with a dry thickness of 50–60 microns (8 m²/liter per coat); for adverse conditions, this thickness should be increased to 150–180 microns.

Thinner and cleaning agent
Ferrorite Cleaning Solvent or Thinner 1406

| | |
|---------------|----------------------|
| How to use | Approximate dilution |
| Airbrush gun | 5-15% |
| Brush, roller | 0-10% |

SYSTEM

Procedures depending on the type of surface

| | First | Intermediate | Finish |
|---------------------------------|-------|-----------------------|-----------------------|
| Old paintings in good condition | | | |
| MAX Ferrorite water satin | | Ferrorite water satin | Ferrorite water satin |
| STD Ferrorite satin water | | | Ferrorite water satin |
| Iron, Steel | | | |
| MAX Ferrorite water satin | | Ferrorite water satin | Ferrorite water satin |
| STD Ferrorite satin water | | | Ferrorite water satin |

SECURITY

Not In case eat, by not contact drink with and your rinse you smoke heavily in water time application. cleanse. children. sewerage.

Not A not it DISPOSE in

Store the product in a dry place, protected from the weather, at a temperature between 5 and 35°C.

For additional, information. REVIEW sheet of A

NOTE

Maximum recommended storage period: 12 months from date of manufacture, in original packaging, perfectly closed, stored indoors, temperatures between 5°C and 35°C.

The information presented here is based on our current knowledge, laboratory tests and practical use under specific conditions.

Since it is impossible to provide an adequate description for each nature and condition of the supports to be painted, each particular reproducibility.

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PACKAGING

0.75L, 2.5L, 4L