

## IRONic

### Oxidized metal Finish for Interiors

#### GENERAL FEATURES

IRONic is a water-based system consisting of an iron reactive paint (**IRONic Fondo N390019**) and a rust activator (**IRONic Liquido Antichizzante N391001**). The application of the rust activator **IRONic Liquido Antichizzante** over the iron reactive paint **IRONic Fondo** speeds up a real oxidation process, to create beautiful stunning rusted iron finishes.

#### USES

"THE CITY VISION" concept identifies in IRONic the most innovative element, ideal for the decoration of modern and visually stunning interior surfaces.

With its decorative system based on copolymers, it is possible to achieve different oxidation effects. With different application procedures, IRONic can be used over:

- Mortars
- Pre-mixed, new fine plasters
- Pre-existing lime plasters
- Gypsum boards
- Pre-existing synthetic and mineral paints
- Mineral porous conglomerates.
- Wood porous substrates, such as MDF, or clipboard or plywood.

Do not apply over fresh mineral substrates. The high alkalinity of the substrate hinders the oxidation process of the rust activator, **IRONic Liquido Antichizzante**.

#### IDENTIFICATION FEATURES

Binder: Copolymer in water dispersion

Density:

IRONic Fondo: 1,94 +/- 0,05 g/ml

IRONic Liquido Antichizzante:  
1,04 +/- 0,05 g/ml

#### WARNING

Mix thoroughly the material before use. Protect all surfaces in order to prevent accidental contact with **IRONic Liquido Antichizzante** and therefore oxidation.

The accidental contact of **IRONic Liquido Antichizzante** with porous substrates (stone, marble, plaster, etc.) will produce stains that are not easy to remove.

**The final effect directly depends on the number of layers, the quantity and the tool used to apply IRONic Liquido Antichizzante.**

**It is possible to apply IRONic Liquido Antichizzante with a brush or with a sponge roller.**

**It is advisable to previously prepare a sample in order to define the desired effect.**

If required, or whether it is actually requested to reduce the natural chalking of the oxidized paints, it is advisable to apply an extra top coat of **Decofix**, properly diluted.

The substrate must be completely dry. Before the application, clean the substrate with a clean and dry brush.

The application of **Decofix** must be done using very small quantities, with a short-hair roller. Substrates protected with **Decofix** take on a slightly different visual look, depending also on the amount of **Decofix** applied.

#### SUBSTRATE PREPARATION AND APPLICATION

(T=25°C, UR=60%)

#### Oxidation effect:

The substrate must be perfectly dry, dust-free, with no humidity and salt stains.

On non-homogenous surfaces or with a different absorption rate, apply one coat of **Novaprimer** properly diluted.

After at least 4 hours apply one layer of **IRONic Fondo**, diluted, with brush or roller.

After at least 4 hours, apply a second layer of **IRONic Fondo**, diluted, with brush or roller.

After at least 12 hours, apply one coat of **IRONic Liquido Antichizzante**, dabbing the surface with a marine sponge.

After 2 hours at least apply a second layer of **IRONic Liquido Antichizzante**, dabbing the surface with a marine sponge.

In order to increase the oxidation process a further third layer of **IRONic Liquido Antichizzante** would be recommended.

Drying time: approximately 24 hours, depending on substrate and environmental conditions.

#### Corrosion effect:

The substrate must be perfectly dry, dust-free, with no humidity and salt stains.

Apply one layer of **Novafund 130**, diluted, with brush or roller.

After at least 4 hours apply one layer of **IRONic Fondo**, diluted, with brush or roller.

After at least 4 hours, apply a second layer of **IRONic Fondo**.

After at least 12 hours, apply one coat of **IRONic Liquido Antichizzante**, dabbing the surface with a marine sponge.

After 2 hours at least apply one layer of **IRONic Liquido Antichizzante**, dabbing the surface with a marine sponge. In order to increase the oxidation process a further third layer of **IRONic Liquido Antichizzante** would be recommended. Drying time: approximately 24 hours, depending on substrate and environmental conditions.

## DILUTION

**Novaprimer (acrylic pigmented water-based sealer):** dilute with 50-80% of water.

**Novafund 130 (acrylic textured keycoat):** ready for use, max dilution 5% of water.

**IRONic Fondo:** dilute with 25-35% of water in volume, in both layers

**IRONic Liquido Antichizzante:** ready for use.

**Decofix (micro-emulsion clear sealer):** dilute 1:3 with water.

## RECOMMENDATIONS

The material must be protected from cold and high heat during the entire application cycle.

Do not apply with air, support and product temperature lower than +10°C or higher than +35°C, nor under direct sun light, nor over extremely hot surfaces (even if already in the shadow).

It is advisable to complete each project with material from the same batch of production.

## TOOLS CLEANING

With water, immediately after use.

## YIELD

It is always advisable to carry out preliminary tests at site in order to determine the right yield of the system.

Depending therefore on the nature of this product and the different effects achievable, yields have to be considered purely indicative.

**Novaprimer:** 8-10 m<sup>2</sup>/l, depending on the type of substrate and absorption.

**Novafund 130:** 1,5-2 m<sup>2</sup>/l, depending on the type of substrate and absorption.

**IRONic Fondo (oxidation effect):** 5-8 m<sup>2</sup>/l in two layers, depending on substrate absorption and texture.

**IRONic Fondo (corrosion effect):** 3-6 m<sup>2</sup>/l in two layers, depending on substrate absorption and texture.

**IRONic Liquido Antichizzante:** 8-12 m<sup>2</sup>/l in two layers, depending on substrate absorption and texture.

**Decofix:** roughly 15-18 m<sup>2</sup>/l.

## COLORS

Ready for use

## PACKAGES

**IRONic Fondo:** 1 l; 2,5 l.

**IRONic Liquido Antichizzante:** 1l.

## SHELF LIFE

The packaged product is guaranteed for 24 months, if stored in the original sealed package and at temperatures between +5°C and +35°C.

## NOVACOLOR s.r.l.

Via A. Spallicci, 16 - 47121 Forlì - ITALY

Tel. +39 0543 401840 - Fax +39 0543 414585

[www.novacolor.it](http://www.novacolor.it) - [info@novacolor.it](mailto:info@novacolor.it)

## SECURITY PROCEDURES

EU Directive 2004/42/CE:

IRONic Fondo (decorative paint)

EU Limit Value for **IRONic Fondo** (cat A/I): 200 g/l (2010).

**IRONic Fondo** contains max 25 g/l of VOC

**IRONic Liquido Antichizzante** (decorative paint)

EU Limit Value for **IRONic Liquido Antichizzante** (cat A/I): 200 g/l (2010).

**IRONic Liquido Antichizzante** contains max 5 g/l of VOC.

The product does not require the label as per the D.L. 65 dated 14/03/03 and following corrections. Use the products as per the security and hygiene procedures rules. Dispose of the empty packaging remaining material in compliance with local laws. Keep the product away from children usage and in an airy place.

In case of contact with eyes, wash them immediately with water. In case of ingestion of the products, consult immediately a doctor showing him the can or the label of the product. Do not leave wastes in drains, water courses and on the ground.

For further information consult the safety data sheet.

N.B.- The information reported in this technical data sheet comes from our best experience; however this does not involve any responsibility of our Company for applications of this product without our control.