

Verderame_Wall Painting

Decorative coating for with green copper oxidation effect.

GENERAL FEATURES

Verderame_Wall Painting is a water-based system consisting of a base coat (**Verderame_Wall Painting Fondo**) and an oxidative finish (**Verderame_Wall Painting Liquido Antichizzante**).

The application of **Verderame_Wall Painting Liquido Antichizzante** on **Verderame_Wall Painting Fondo** produces an oxidative effect exactly alike the effect of a green copper surface exposed to atmospheric agents' natural corrosion.

Verderame_Wall Painting can be used both in interiors and exteriors. If used for the decoration of interior surfaces it is possible to modify the colour of **Verderame_Wall Painting** creating and customizing oxidation aesthetic effects.

USES

With its decorative system based on polymers it is possible to achieve different oxidation effects, taking into account the clients requests. With different application procedures, **Verderame_Wall Painting** can be used over:

- Mortars
- Pre-mixed, new fine plasters
- Pre-existing lime plasters
- Gypsum boards
- Pre-existing synthetic and mineral paints
- Mineral mixes if absorbent
- Wood porous substrates, such as MDF, or clipboard or plywood.
- Polyvinyl chloride substrates
- Zinc plated steel substrates
- Iron substrates
- Fibrocement

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

IDENTIFICATION FEATURES

Binder: Copolymer in water dispersion

Density:

Verderame_Wall Painting Fondo: 1,28 +/- 0,05 g/ml

Verderame_Wall Painting 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 **Verderame_Wall Painting Liquido Antichizzante** and therefore oxidation.

The accidental contact of **Verderame_Wall Painting** 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 **Verderame_Wall Painting Liquido Antichizzante**.

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

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

It is advisable to make a previous sample, in order to define the requested effect.

The application of **Verderame_Wall Painting** on low absorbent substrates (iron, polyvinyl chloride, metal sheet, enamels) could involve longer drying times.

In that case, it is advisable to verify the drying degree on the substrate before proceeding with the application of the further substrates.

It is good practice always using the same batch. In case it has been used different batches, it is advisable to mix the different productions, to avoid the slight tones differences.

If a new production is strictly required, do not match the two colors contiguously. To adjust the two colors, use the possible surface interruption, such as edges etc.

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SUBSTRATE PREPARATION AND APPLICATION

(Environmental conditions T=25° C,UR=60%)

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

If required, continue with the preparation operations, according to the nature of the substrate, using specific products.

In case of mould, treat the surface with suitable specific anti-mould products.

Brush or remove any efflorescence and any old peeling paint. Higher layers of old lime-based paint and tempera paint must be removed washing them out with a pressure washer or wetting the surface and scraping the layers properly.

Brush out dust, smog or other deposits before the application.

Send and clean the surface and continue:

| Substrate | Primer – Base coat |
|--|-------------------------------------|
| Mortar | 1 layer Decofix |
| Pre-mixed, new fine plasters | 1 layer Decofix |
| Pre-existing lime plasters | 1 layer Decofix |
| Pre-existing synthetic or mineral paints | 1 layer Decofix or Fondo Universale |
| Various absorbent mineral conglomerates. | 1 layer Decofix or Fondo Universale |
| Gypsum boards | 1 layer Decofix or Fondo Universale |
| Various chipboard, plywood, MDF, wood surfaces | 1 layer Fondo Universale |
| Polyvinyl chloride substrates | 1 layer Fondo Universale |
| Zinc plated steel substrates | 1 layer Fondo Universale |
| Iron substrates | - |
| Fibrocement | 1 layer Decofix or Fondo Universale |

APPLICATION TOOLS

Decofix (used as primer): brush or short-nap roller.

Fondo Universale: brush, short-haired roller, spray

Verderame_Wall Painting Fondo: brush, roller

Verderame_Wall Painting Liquido Antichizzante: sponge, brush, sponge roller

Clear Finish Monocomponent: roller for enamels.

PRODUCTS PREPARATION

Decofix: dilute with water. The quantity is variable depending on the kind of substrate and its absorption.

Lime plasters and gypsum boards from 50% to 100%

Plasters, smootheners and pre-existing crumbling paints from 100 to 200%.

Concrete: from 200 to 300%

Verderame_Wall Painting Fondo: ready to use, dilute with max 10% of water.

Verderame_Wall Painting Liquido Antichizzante: ready to use

Clear Finish Monocomponent: dilute the first layer with 30-40% of water, without dilution or dilution with 5% of water for the second layer.

APPLICATION

On dry and previously treated substrate, apply with roller a layer of **Verderame_Wall Painting Fondo**.

After at least 4 hours apply with roller another layer of **Verderame_Wall Painting Fondo**.

After at least 12 hours, apply one coat of **Verderame_Wall Painting Liquido Antichizzante** using a sponge roller.

Apply one more layer with a stainless steel trowel proceeding from top to bottom and from right to lefts.

It is possible to repeat the oxidation step and the application mode with cyclic intervals of 2 hours, modulating times and quantities of **Verderame_Wall Painting Liquido Antichizzante**, depending on the requested aesthetic result.

Before continuing with the surface protection, it is advisable to wait at least 24 hours from the last oxidation phase, accordingly to the kind of substrate, its absorption and environmental conditions.

The application of **Clear Finish Monocomponent** slightly modifies the aesthetic aspect of the surface. The ideal performance is reached 5 days after the protection application.

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PROTECTION OF INTERNAL SURFACES

Before the protection application, remove from the surface the typical and natural chalking of the oxidized surface.
Clean the surface with a dry brush.

On completely dry surface apply a first layer of **Clear Finish Monocomponent**, using a roller for enamels, diluted with 30% of water.
To increase the protection of the surface it is possible to apply on a dry surface a second layer of **Clear Finish Monocomponent**, diluted with a maximum of 5% of water, following the previous instructions.
Touch dry after 2 hours, overpaintable after 4 hours.

PROTECTION OF EXTERNAL SURFACES

Before continuing with the application, it is necessary to remove the typical and natural chalking of the product.

Brush the surface gently with a clean and dry brush.

On completely dry surface apply a first layer of **Clear Finish Monocomponent**, using a roller for enamels, diluted with 30% of water.
To increase the protection of the surface it is possible to apply on a dry surface a second layer of **Clear Finish Monocomponent**, diluted with a maximum of 5% of water, following the previous instructions.
Touch dry after 2 hours, overpaintable after 4 hours.

RECOMMENDATION

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). The humidity must be <75 %, the substrate humidity must be <10%. The surface must be protected from the rain and humidity for at least 48 hours from the application of the last layer.

For the correct use of the materials, of the dilution and the laying it is advisable to carefully read the technical data sheet.

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.

Decofix: indicative yield 10-15 m²/l.

Fondo Universale: 4-5 m²/l, in two layers, depending on the type of substrate and absorption.

Verderame_Wall Painting : 8-12 m²/l in two layers, depending on the type of substrate and absorption.

Verderame_Wall Painting Liquido Antichizzante : 10-14 m²/l in two layers, depending on the type of substrate and absorption.

Clear Finish Monocomponent: 12-14 m²/l, depending on the substrate finish and its absorption.

COLOURS

Verderame_Wall Painting Fondo is tintable.

Verderame_Wall Painting Fondo and colors from **Verderame_Wall Painting** color card.

PACKAGING

Verderame_Wall Painting : 1 Lt packs.

Verderame_Wall Painting Liquido Antichizzante : 0.5 Lt packs.

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.

SECURITY PROCEDURES

EU Directive 2004/42/CE:

Verderame_Wall Painting Fondo (decorative effect coating)

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

Verderame_Wall Painting Fondo contains max 200 g/l of VOC

IRONic Liquido Antichizzante (decorative effect coating)

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

IRONic Liquido Antichizzante contains max 200 g/l of VOC.

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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.

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