

CORROD RUST EFFECT PAINT KIT: COMPONENTS DATA SHEET

This rust effect paint system was developed by Impera Italia

The paint is water based, but also contains metallic particles so it is ferromagnetic.

Can be applied on walls & ceilings, wood, MDF board, glass or metal.

Components:

- Corrod Primer** for the right adhesion and durability
- Corrod Base**, a metallic liquid that can be activated to produce a variety of effects
- Corrod Activator C**, for a green or blue oxide-effect
- Corrod Activator R**, for a yellow or red rusty look
- Corrod Stabiliser**, to stop further oxidization

Before you start the application method, please make sure you are wearing the right protective clothes and accessories such as gloves, protective goggles and mask if necessary, appropriate clothing.

MAKE SURE THAT NONE OF THE COMPONENTS GET IN TOUCH WITH YOUR SKIN AT ANY TIME DURING THE APPLICATION!!

Application:

Dilute **Corrod Primer** with water and apply it by roller on one or two coats. Leave the primer to dry for 2 to 4 hours

Corrod Base can be applied by brush, decorative sponge or Venetian Plastering Trowel, generally in a single coat. *Corrod base* gets completely dry between 3 to 6 hours, depending on the type of surface, ventilation, temperature and other atmospheric conditions.

After the base is dry, apply **Corrod Activator C** by brush or sponge to achieve a green or blue oxide effect.

For a rusty yellow or red look, please apply **Corrod Activator R**.

After 12 to 24 hours **Corrod Stabilizer** should be applied to make the finish more durable, but also to finalise the look.

PRIMER:

Use

The quartz based universal primer is suitable for indoor use on new walls or old paints still well anchored and not chalking.

Its granulometry allows the easy application of our decoration effects, thus obtaining an even finish homogeneous.

Main features

White water-based wall paint.

Its main features are:

- high coverage;
- waterproof;
- easy to apply.

Technical features (at 20°C)

Solid content % 67 ± 2

Theoretical spreading rate sqm/l 7 - 8

Film gloss, matt

Thinner code water

Dry to dust minutes 5 - 10

Dry to touch minutes 20 - 30

Dry in depth hours 2 - 4

Dry to recoat hours 4 – 6

Methods of application

Brush Thin with water at 20 - 25%

Roller Thin with water at 15 - 20%

Mix the product well by slowly adding water until obtaining the desired viscosity.

Do not apply if the temperature is lower than 5°C.

Wash brushes and tools with water immediately after use.

Keep the product away from frost.

Recommended painting cycles

ON NEW WALLS

Surfaces must be seasoned, dry, free of dust and all impurities, included non adherent sand. A coat of water-based

fixative or solvent-based isolating fixative increases the adhesion and eliminates the chalking.

ON PAINTED WALLS

Remove peeling paints by scraping and brushing. Tempera paintings must be removed too.

BASE

TECHNICAL INFORMATION

Corrod Paint is a decorative wall paint which, when applied and stimulated with its dedicated activator, allows the rusting of the wall surface, by reproducing the same colour, appearance and features of rusty metal.

Corrod Paint is a water-based product, applicable on wall surfaces such as domestic walls or wooden partitions. Since it does not necessarily require to be applied on metal surfaces, it does not need to be exposed for particularly long times to either specific environments favoring rust, or to particularly aggressive weather conditions. With Corrod Paint it will be possible to obtain the decorative look of a rusty metal plate in just a few hours.

PREPARATION OF THE SURFACE

The wall to be decorated must be clean, remove therefore any impurity and consider sanding if necessary.

Remove any old paintwork not properly adhering to the wall and, if necessary, apply a coat of Primer in order to make the wall surface even and homogeneous, waiting for the primer (where used) to dry thoroughly.

Proceed then to apply Corrod Paint onto the surface.

METHOD OF PREPARATION OF DECORATIVE PRODUCT

Corrod Paint is dark grey/black and it comes in a tin, with high thixotropy and viscosity.

The viscosity can be reduced quickly by agitating the product, therefore it is necessary to agitate it vigorously before its application, either manually or mechanically.

Manual stirring is normally performed with a stick, while the mechanical agitation is normally carried out with a paint agitator or with a small drill with a helical impeller.

The product is ready to use. In case of particular conditions of the wall (particularly absorbent wall) it is possible to add some water to the product tin (maximum 5-10%).

APPLICATION OF CORROD IRON PAINT

The application of Corrod Paint onto wall surface should be carried out preferably by using a brush or venetian plastering trowel (a short-haired roller can also be used).

The application of the product shall consist of a single coat, with crisscrossing brushstrokes.

Before proceeding with the application of the activator, make sure that the portion of Corrod Paint applied to the wall is completely dry (after 4-5 hours in normal conditions).

USER WARNINGS

Upon completion of the application cycle (once Corrod Paint has been activated by its specific activator) you will obtain a natural rusting effect of the surface onto which it has been applied. Since this is a natural process, a chemical oxidation reaction that is initiated on the decorated surface and which occurs spontaneously and independently of the applicator's will, the chromatic repeatability and the decorative aspect of the final result cannot be guaranteed.

At the end of the application cycle, the object will definitely appear rusty, although the rust effect and resulting colour may vary slightly from time to time.

Therefore, the manufacturer and the distributor are not liable for any differences observed upon completion of the application process, as unable to monitor neither the course of the object's oxidation process, nor the conditions of use and application of the work cycle and of the product itself.

TECHNICAL SPECIFICATIONS

Indicative coverage: 5 sqm

Drying time: 4 - 5 hours

Dilution: product ready to use. Mixable with water

Storage and processing temperature: minimum + 7° C. Maximum + 35°C. Frost-sensitive.

Application tools: brush, trowel, sponge

Tools cleaning: water

Appearance: grey/black

Physical state: semi-fluid liquid

Keep this product out of reach of children.

Agitate and stir well before using.

Impera Italia is not liable for improper use of the product

Please follow the normal rules of hygiene for health and safety at work.

Never make Corrod Paint come into contact with the activators other than on the painted surface and in the manner described on this paper.

Never pollute activators with tools dirty with residues of paint vice versa, never pollute Corrod Paint with tools with residues of activator.

CORROD ACTIVATOR C&R

Activator Corrod C/R is a water-based product to be used in combination with Corrod Base. When used following the appropriate application methods described below, Activator Corrod C/R allows you to favour and facilitate the onset of oxidation (rusting) even on non-metallic surfaces. Activator Corrod C/R acts in contact with Corrod Base, previously applied on the surface, when these are thoroughly dry and adhering to the surface itself. Once the decorative cycle is concluded, you will thus obtain a painted object whose aspect will match the colour and decorative look of a rusty metal plate.

PREPARATION OF THE SURFACE

Activator Corrod C/R must be used exclusively on surfaces which have been previously treated with a coat of Corrod Base.

Before proceeding with the application of Activator Corrod C/R, make sure that the product has been evenly applied on the surface and that the surface itself is sufficiently dry.

METHOD OF PREPARATION OF ACTIVATOR CORROD C/R

Activator Corrod C/R is a water-based product.

Activator Corrod C/R is ready to use and does not require to be diluted.

Prior to the application, the product needs to be stirred manually with a stick.

During the application of Activator Corrod C/R, please wear gloves.

APPLICATION OF ACTIVATOR CORROD C/R

Activator Corrod C/R shall be applied in two coats.

For the application of the first coat, it is preferable to use a natural sea sponge moistened with water (it is also possible to use a brush instead), proceed by blotting and wetting the surface to be decorated in order to have a significant and uniform wetting of the surface.

Once 1 to 2 m² of wall surface have been covered in the manner described and, in any case, before Activator Corrod C/R starts to react and dry, wipe gently with a synthetic sponge from top to bottom in order to obtain the desired decorative design once the work is finished.

Repeat, according to the methods hereby described, the operations of blotting, wetting and wiping with synthetic sponge for the remaining m² until completion of the wall or object to be decorated.

Once the first coat is dry, (after 4-5 hours under normal circumstances) proceed with the application of the second coat of Activator Corrod C/R, repeating exactly the application procedure as described for the first coat.

The application operations can also be performed by using two brushes instead of sponges.

The first brush will be used to apply Activator Corrod C/R making sure to wet the wall thoroughly and evenly.

The second brush must be clean and dry, and it will be used for a second application onto the 1-2 m² - surface on which the product has already been applied, before Activator Corrod C/R reacts and dries permanently.

USER WARNINGS

Upon completion of the application cycle (once Activator Corrod C/R will have reacted completely with Corrod Base) you will obtain a natural rusting effect of the object/surface on which the products have been applied.

Since this is a natural process, a chemical oxidation reaction that is initiated on the decorated surface and which occurs spontaneously and independently of the applicator's will, the chromatic repeatability and the decorative aspect of the final result can not be guaranteed.

At the end of the application cycle, the object will definitely appear rusty, although the rust effect and resulting colour may vary slightly from time to time.

Therefore, Impera Italia can not be hold liable for any differences observed upon completion of the application process, as unable to monitor neither the course of the object's oxidation process, nor the conditions of use and application of the work cycle and of the product itself.

TECHNICAL SPECIFICATIONS

Indicative coverage: 120 - 180 ml/ m² (for both coats)

Drying time: 4 - 5 hours

Specific weight: 1.020 - 1.030

Odour: odourless

Appearance: colourless

Physical state: Slightly dense liquid

Keep this product out of reach of children.

Agitate and stir well before using.

Impera Italia is not liable for improper use of the product

Please follow the normal rules of hygiene for health and safety at work.

Never make the Activator Corrod C/R come into contact with Corrod Base other than on the painted surface and in the manner described on this paper.

Never pollute Corrod Base with tools dirty with residues of Activator Corrod C/R and vice versa, never pollute Activator Corrod C/R with tools with residues of Corrod Base. The products (activators and Base) must absolutely remain separate until the application thereof onto the surface.

CORROD STABILISER

TECHNICAL INFORMATION

Corrod Stabilizer is a painting product which, by using different application tools (brush, gloves, sponge, cloth), allows to create an exclusive decorative effect.

We recommend using Corrod Stabilizer, as final application of our Corrod System..

The product is not toxic and not flammable, it resists to bacteria attack and is completely aqueous based, therefore it is user and environmental friendly.

APPLICATION MODES

PREPARATION OF THE SURFACE TO BE TREATED

Corrod Stabiliser is suitable for the applications on walls with both old and new plaster and as final application of the product Corrod system. To apply it on Corrod paint, apply with the brush one coat at the end of the cycle, about 12/24 hours after the application of last coat of the activator.

PREPARATION OF THE DECORATIVE PRODUCT

Corrod Stabiliser, if used as final protective on Corrod Rustic Paint System, has to be applied with the brush without adding toners, respecting the time indicated before.

PRODUCT CHARACTERISTICS

Specific weight : 1,00 - 1,05

Viscosity : 2500-4500 cp a 25°C

Drying time : partial : 1-2 hours
total : 1-2 days

Minimum processing temperature : + 5°C

Maximum processing temperature : + 35° C

Product appearance : semi-transparent, shiny after application

Dilution: ready made product, it is however possible to dilute the product with water

Can storage: the product must be stored at a minimum temperature of +5° C and a maximum temperature of +35

Application tools: brush, sponge, trowel

Flammability: the product is completely free of flammable solvents, being totally in aqueous phase.

