

TECHNICAL DATA SHEET REDOX CU-EN Rev. 01

Paint Effect:

REDOX CU --- ANTIQUE BRASS/BRONZE & VERDIGRIS

Application Cycle - Water-Based - For Interior Use

General Characteristics:

REDOX CU are decorative interior paints that beautifully recreates the naturally occurring oxidization of metals—in just a few hours. With a range of colours in Antique Brass and Verdigris, these paints bring the rustic outdoors indoors.

The painting cycle is simple and it allows the user to obtain a realistic stone finish even on large surfaces. The effect can be painted in different colors, depending on the project requirements. The end result is a very realistic stone surface that is durable. As necessary, the application of a protective transparent topcoat will give the surface a higher level of resistance.

Available Colors:

- REDOX BR.05 --- ANTIQUE BRASS--this is more of a Bronze colour
- REDOX CU.06 --- VERDIGRIS
- REDOX KC.04 --- BLACK VERDIGRIS

THE PRODUCTS NECESSARY TO CREATE THESE EFFECTS:

Product	Coverage Area	Function
PRIMER AQ055 TEX	5 m2/kg in two layers	Texturized white primer to prevent corrosion on surfaces such as: wood, metal, and walls
REDOX BR.05, CU.06, KC.04	4-5 m2/kg in two layers	Base paint for the Verdigris and Antique Brass effects
OX20	4-5 m2/kg in two layers	Oxidizing Solution for the metal effect paints
TC10	7-8 m2/kg in two layers	Matt Transparent to seal and stop the oxidization
TM205 (optional)	8-10 m2/kg in one layer	High resistance two-component acrylic transparent, matt finish
HQ53 (optional)	na	Hardener for the TM205 transparent - add 15% by weight

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- Apply this white primer after diluting with water at 30-40%
- Apply with a short pile roller and in 2 coats, wait about 4 hours between coats
- For raw or unfinished plasterboard, drywall, or cement, first apply a water-based sealer and let dry
- For application on metal, sand the surface and clean with degreasers or paint thinner
- Let dry for at least 2 hours, then you can apply the additional layers

REDOX CU (all colors)

- The product is applied with a short pile roller without diluting the paint, dilute as needed for an even layer
- Apply 2 coats and wait about 2-3 hours between coats
- Apply the color in a even layer avoiding excessive thickness and rolling overlaps

OX20 (oxidization solution)

- After the REDOX is dry, shake the OX20 (Oxidizing Solution) well before using
- Apply OX20 with a new short pile roller; do not reuse the rollers
- During this stage, it is important to apply a wet and even layer without rolling lines. The environment should be without forced air heating and no direct sunlight.
- After a few minutes you can see the beginning of oxidation process. In most applications a 1 coat of oxidant is sufficient to achieve the effect. If you want more oxidation, apply a second layer of OX20 using the same application method.
- If you want less oxidization with less green patina, you can add water to the OX20. But you will need to apply more coats. We suggest (3:1) 3 parts water to 1 part OX20...you can also mix 1:1 and 2:1 for different patina effects.
- Use protective gloves and eye goggles during application

TC10 (matt transparent to seal and stop oxidization)

- Once the OX20 is completely dry, usually the following day and within 48 hours, apply with a short pile roller the Transparent TC10
- Apply in 2 wet and even layers and wait 2-4 hours between layers
- Use a new roller with this product

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OPTIONAL - use the below transparent topcoat for more resistance

**TM205 - MATT TRANSPARENT (bicomponent) + 15% HQ53 (hardening)**

- About 10 hours after applying the TC10, you can apply the clear transparent TM205 for a higher level of resistance. This is a two-component acrylic matt paint that must be mixed with water and hardener.
- Add water to dilute the transparent at 10-20%
- Add hardener HQ53 at 15% by weight
- Apply the paint in 1 coat using a short pile roller
- If the surface is not perfectly even, apply a second coat, but add about 40% more water to dilute the paint
- The product pot-life is approximately 2 hours after adding the hardener
- After each application, the roller should be washed with warm water and soap
- The application of this transparent slightly changes the final appearance

ADDITIONAL INFORMATION ABOUT THE PRODUCTS:

Application Conditions: In order for the paints to dry correctly, the paints should be applied where the temperature of the room and the surface is between 16°C and 25°C. There should also be minimal wind in the room.

Application on Other Materials: If you want to apply the paints on other surfaces, it is suggested to contact our technical staff. There may be other products available not listed in this sheet.

Cleaning the Surface: About 15-20 days after the application is completed, the products will be completely cured and resistant to washing. When washing the surface, use a non abrasive cloth, warm water, and neutral soap. The application of a transparent makes the surface more resistant to dirt and allows for easier cleaning.

Stability and Storage: All TrendyPaints should be stored away from the sun and weather and be kept between 10°C and 35°C. The paints are stable for use for 6 months after the date of delivery. The BASE may increase in thickness overtime, but this does not affect the product.

WARNINGS:

The painting cycles noted here are general in nature. Contact our technical staff for more detailed information. The coverage area for the paints varies by the surface, the application conditions, and the dilution of the paints. Complete a test to determine the coverage area. This information is for reference only based on research and knowledge of the products. Because the application may be influenced by external factors outside of the manufacturer's control, the company does not assume any responsibility for the results. Cromas Ltd. reserves the right to change the technical specifications of the products without prior notice.