

**TECHNICAL DATA SHEET   REDOX FE-EN   Rev. 01**

Paint Effect:  
**REDOX FE --- RUST**

**Application Cycle - Water-Based - For Interior Use**

**General Characteristics:**

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

The painting cycle is simple and it allows the user to obtain a realistic rust finish even on large surfaces. The effect can be painted in different shades of rust, depending on the project requirements. The end result is a very realistic rusted 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 FE.01 --- REAL RUST
- REDOX FE.02 --- RUST DARK
- REDOX FE.03 --- RUST LIGHT

**THE PRODUCTS NECESSARY TO CREATE THE EFFECT:**

| Product                          | Coverage Area              | Function  |
|----------------------------------|----------------------------|---|
| <b>PRIMER AQ055 TEX</b>          | 5 m2/kg<br>in two layers   | Texturized white primer to prevent corrosion on surfaces such as: wood, metal, walls, and drywall |
| <b>REDOX FE.01, FE.02, FE.03</b> | 3-4 m2/kg<br>in two layers | Base paint for the Rust effects   |
| <b>OX20</b>                      | 4-5 m2/kg<br>in two layers | Oxidizing Solution for the metal effect paints  |
| <b>TR73</b>                      | 7-8 m2/kg<br>in two layers | Matt Transparent to seal and stop the oxidization   |
| <b>TM205 (optional)</b>          | 8-10 m2/kg<br>in one layer | High resistance two-component acrylic transparent, matt finish                                    |
| <b>HQ53 (optional)</b>           | na                         | Hardener for the TM205 transparent - add 15% by weight  |

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APPLICATIONS:

**PRIMER AQ055 TEX (metal, wood, drywall)**



- Apply this white primer after diluting with water at 30-40% by weight
- 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 the second layer dry for at least 2 hours, then you can apply the next layers

**REDOX FE (all colors)**



- The product is applied with a short pile roller without diluting the paint...you can dilute with a little water, as needed, for an even layer
- Apply 2 wet and even coats and wait about 3-4 hours between coats or when surface is dry
- Apply the color in a even layer avoiding excessive thickness and rolling lines
- After it is dry, if you want a smoother surface, you can lightly sand with P240 grit sandpaper

**OX20 (oxidization solution)**



- After the REDOX is dry, shake the OX20 (Oxidizing Solution) well before using
- Apply OX20 with a new short pile roller
- Apply a wet and even layer without rolling lines
- **During drying, it is important that the painting area is without room fans, wind, forced air heating and direct sunlight**
- The amount of rust oxidization can be affected by the temperature, humidity, wind, and direct sunlight in the painting area
- After some time you can see the beginning of the oxidation process
- After the surface is almost dry, about 3-4 hours, apply a second wet and even layer of OX20
- It is normal for some oxidization to come off when applying the second layer of OX20. A third layer of OX20 can be applied as needed
- As an option for the application of the OX20, you can also use different methods to get different textures to the patina...this includes...textured roller, brush, sea sponge or other materials
- Use protective gloves and eye goggles during application

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**TECHNICAL DATA SHEET REDOX FE-EN Rev. 01****TR73 (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 TR73
- Apply in 2 wet and even layers, wait 2-4 hours between layers or when dry
- Use a new roller with this product

**OPTIONAL - use the below transparent topcoat for more resistance****TM205 - MATT TRANSPARENT (bicomponent) + 15% HQ53 (hardening)**

- About 10 hours after applying the second layer of OX20, 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% by weight
- Add hardener HQ53 at 15% by weight
- Apply the paint in 1 coat using a new short pile roller
- If you want more resistance or the surface is not even, mix and apply a second coat, add water to dilute the paint to 40% by weight
- 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 darkens the final effect

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**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 no wind and direct sunlight 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.