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Iron Paint Effect with Rust Activator

Water Base Acrylic, Low VOC System
Creates a “Real” Rusted Metal Finish
Brush, Roll or Spray apply



Products Used

- **Primer Effect (EU203)**
- **Iron Paint Effect (EU208)**
- **Rust Activator Effect (EU904)**
- **Sealer Effect (EU201)**

Modern Masters – Iron Paint Effect (EU208) is a water base, modified acrylic paint with a high concentration of real iron particles that will oxidize when **Rust Activator Effect (EU904)** is used over **Iron Paint Effect** creating a beautiful, authentic rust finish in minutes. **Iron Paint Effect** can be brush, roll, or spray applied. **Rust Activator Effect** can be applied with a brush, sponge, spray bottle or plastic pump sprayer. **Sealer Effect** can be applied by brush, varnish roller or spray equipment. The entire system can be applied to any properly prepared surface, including metal, wood, drywall, plaster, paintable wall coverings, canvas or muslin, and plastic surfaces. Popular applications range from full interior and exterior walls, moldings, trim, columns, doors, railings, to lamps, vases, and planters.

Modern Masters – Primer Effect (EU203) is a unique water-based acrylic primer. Unlike other primers, it is especially formulated to block Patinas and Activator from reaching the metal, wood, or reactive substrate. This helps prevent the formation of rust or other oxidation products from forming under the paint film. **Primer Effect** will also block out alkali salts, tannins, acid salts, or other unwanted contaminants from ‘bleeding through’ to the **Iron Paint Effect** film and causing adverse reactions and unwanted color changes in the oxidized finish. **Primer Effect** can be brush, roll or spray applied.

Modern Masters – Sealer Effect is an all-in-one water base, clear, non-yellowing, protective sealer and top coat designed to work over Rust Activated Iron Paint. This innovative clear coat chemically arrests the oxidized metal finish, minimizing any further corrosion and then self-crosslinks to create a weather resistant

barrier. The application of **Sealer Effect** is highly recommended over the Iron/Rust finish. Particularly on interior surfaces where there may be contact or exterior surfaces to prevent runoff of the rust finish caused by rain or sprinklers onto surrounding areas. **Sealer Effect** can be brush, roll or spray applied.

Surface Preparation – Remove all loose, peeling paint. Patch and repair any surface imperfections before using the **Primer Effect**. All surfaces should be sound, clean and free of oil, grease, wax, and other contaminants, and completely dry prior to priming. Surfaces previously primed require light sanding. Scuff sand any glossy surfaces. Stir well before and occasionally during application. **Do not thin Primer Effect.** If unsure of the substrate, test a sample area to ensure the desired results. Apply at least two coats of **Primer Effect** to completely seal and block the surface. Some metal surfaces, such as bare aluminum, galvanized metal, or rusted or slag metals, will need a specialty primer from our recommended primer list, applied prior to the application of **Primer Effect**. If this is the case, read the specific information for the recommended primer prior to beginning your project. Properly prime the clean, dry surface with the recommended primer and allow the surface to dry completely—preferably overnight. Then follow the directions for applying **Primer Effect**. **Note:** Lower temperature and higher humidity will lengthen the dry and cure times of primers.

Application – **Iron Paint Effect** can be brushed, rolled, or spray applied (See specific equipment requirements under Spraying) onto any paintable, properly primed, interior or exterior surface, such as walls, ceilings, columns, trim, doors, furniture, and paintable

wallcoverings. Always test the product in a small, inconspicuous area before beginning a project to see if the desired results are attained. We recommend preparing a sample board prior to beginning a project to check color and technique. The paint should be mixed thoroughly before using. **Do not apply in temperatures below 13°C or above 29°C.**

Step 1: Apply a minimum of two coats of *Iron Paint Effect* allowing to dry between each coat and completely dry before applying *Rust Activator Effect*.

Brushing: Use a high-quality brush recommended for water base semi-gloss paints.

Rolling: To roll *Iron Paint Effect* use a high-end ½" nap roller and/or a natural sea sponge roller for added effect.

Spraying: To spray *Iron Paint Effect*, thin with up to 473 milliliters of water to 3.78 liters of *Iron Paint Effect*. Thin carefully, as over thinning of the paint will result in loss of hide and a reduction of the desired appearance. Use an HVLP gun or a conventional cup gun with the fluid and air supply from a pressure pot and compressor. Air pressure at the HVLP spray gun needs to be approximately 2.1 bar, with greater pressures at the tank, approximately 4.2 bar. Use a properly-fitted respirator when spraying. Provide adequate ventilation.

Note: Do not use turbine-type "air compressors" to power the HVLP spray gun and do not use airless spray systems.

Taping – Use high quality, low-tack tape when taping over surfaces that have been previously painted with Metallic Paint. When painting over taped-off areas be aware that Metallic Paints exhibit poor early adhesion properties and are elastomeric (they stretch) before curing. Consider cutting along the tape edge with a razor blade to avoid delaminating the fresh paint from the substrate.

Dry Times – Recoat time 1/2 hour. Dry-to-touch time is approximately an hour. (Drying times were recorded at 70°F and 50%RH): **Note:** Lower temperature and/or higher humidity will lengthen the dry and cure times.

Coverage – Covers approximately 7m²/L. Minimum 2 coats required.

Step 2: Apply the *Rust Activator Effect* with a brush, sea sponge or spray apply with a plastic pump sprayer. After 5 minutes, reapply *Rust Activator Effect*. As the activated surface dries (approx. 30-40 min.) a real rust finish will appear. Cold temperature and/or humid conditions will prolong the oxidation process and dry time. Allow a minimum of 24 hours prior to applying *Sealer Effect*.

Protective Clear Coating –The rusted surface should be protected with *Sealer Effect*. **DO NOT USE OTHER SEALERS OR VARNISHES.** *Sealer Effect* can be applied by brush, roller or spray. Surface must be completely dry prior to top coating. **First coat:** Add equal parts of *Sealer Effect* with water and stir well

before applying. **Second coat:** Apply *Sealer Effect* at full strength. Let surface dry for 1 hour before handling. Full cure time is 7 to 10 days.

Clean Up – Clean brushes, rollers, tools and equipment with warm, soapy water immediately after use.

EU limit value for *Iron Paint Effect* (cat. A/I): 200 g/L (2010). *Iron Paint Effect* contains max 25 g/L COV.

Handling & Storage – To avoid skinning, close container after each use and store away from excess heat. Keep lid tightly closed during storage. Protect from freezing. If contents freeze, thaw at room temperature before use. This material and its container must be disposed of in a safe way. Keep out of the reach of children.

Health & Safety – Avoid contact with eyes. Wash hands after use. Do not take internally. When spraying or sanding wear safety glasses and appropriate, properly fitted respirator during and after application. Follow respirator manufacturer's directions for respirator use.

Skin contact: Thoroughly wash with soap and warm water before the coating dries. Individuals with sensitive skin may require gloves.

Eye contact: Rinse with clean water for 15 minutes. Seek medical attention.

Inhalation: To help prevent irritation, use only in well-ventilated areas. If irritation occurs, move to fresh air. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting. Seek medical attention.

Read the Material Safety Data Sheet for Additional Health and Safety Information.

For MSDS and Technical Data Sheets, go to modernmasters.eu and search in our technical section of the web site.

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