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Copper Paint Effect with Green or Blue Patina Finish

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



Products Used

- **Primer Effect (EU203)**
- **Copper Paint Effect (EU149)**
- **Green Patina Effect (EU901) or Blue Patina Effect (EU902)**

Modern Masters – Copper Paint Effect (EU149) is a water-base, modified acrylic paint with a high concentration of real copper and zinc particles that will oxidize when **Green Patina Effect (EU901)** or **Blue Patina Effect (EU902)** are used over the **Copper Paint Effect** to create a beautiful, authentic green or blue patina finish in minutes. **Copper Paint Effect** can be brush, roll, or spray applied. The **Green or Blue Patina Effect** can be applied with a brush, sponge, spray bottle, or plastic pump sprayer. 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 **Bronze Paint Effect** film and causing adverse reactions and unwanted color changes in the oxidized finish. **Primer 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 direct to metal rust preventative primer applied prior to the application of **Primer Effect**. If this is the case, read the specific information for the rust preventative 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 – Effect paints 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 first coat of **Copper Paint Effect** and allow to dry.

Step 2: Apply a second coat of **Copper Paint Effect** in the same manner. The **Green or Blue Patina Effect**

should be applied while this coat is still wet (within 5 minutes).

Step 3: Apply the *Green* or *Blue Patina Effect* with a brush, sea sponge or spray apply with a plastic pump sprayer. Use a stipple brush or sea sponge to control dripping or running. Allow finish to completely dry. As the activated surface dries (approx. 30-40 min.) a real patina finish will appear. Cold temperature and/or humid conditions will prolong the oxidation process and dry time.

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

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

Spraying: To spray *Copper Paint Effect*, thin with up to 473 milliliters of water to 3.78 liters of *Copper 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 hour. Oxidized paint finish will dry in 2 hours. Dry times will vary with temperature and humidity.. (Drying times were recorded at 70°F and 50%RH): **Note:** Lower temperature and/or higher humidity will lengthen the dry and cure times.

Spread Rate – Covers approximately 8m²/L with a minimum of 2 coats required.

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

EU limit value for *Copper Paint Effect* (cat. A/I): 200 g/L (2010). *Copper Paint Effect* contains max 15 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 go to www.modernmasters.eu and search in our technical section of the web site

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