

Traditional Midnight Black Patina Technical Data Sheet

Description: Traditional Midnight Black Patina reacts on aluminum, bronze, brass, copper, iron, steel (not stainless), and zinc/galvanized. This patina is notable for its striking aged black finishes, fast reaction times, and excellent durability. Also, rust is slower to develop compared to other black patinas which allows for more flexibility when applying a sealer.

On aluminum, apply the patina at full strength. It reacts quickly on the first coat to produce a durable grey/black finish. Additional coats deliver a solid black that does not rub off easily.

On steel, apply Traditional Midnight Black Patina at full strength. Just one coat makes a blue/black oil slick finish. Extra coats darken the patina.

On zinc/galvanized, apply the patina at full strength to yield a fast bronze/brown finish. Reapplication results in even more warm color with great adhesion.

On bronze, brass, and copper, we recommend diluting with distilled water at a 1:1 ratio. You may need more or less water depending on the project. The first coat produces a beautiful brown patina. Second and third coats darken the patina to a rich antique black.

Safety: Use in a well ventilated area. Always wear eye protection, protective clothing, and gloves. A vapor respirator is recommended.

Before Using: Please read, understand, and follow all precautions shown on the product label and on the Safety Data Sheet. Current Safety Data Sheets for Sculpt Nouveau products are online at www.sculptnouveau.com.

- Directions:**
1. We recommend sanding or sandblasting before cleaning for better reactions and more consistent results. You must clean the metal after sanding, sandblasting, or touching with bare hands. Clean the surface with Sculpt Nouveau Metal Cleaner and Degreaser and a Scotch-Brite pad for 2 min. Rinse with water. **DO NOT** use Acetone or any other solvent based cleaner.
 2. Apply Midnight Black Patina with a brush, roller, sponge, or sprayer. The application method you choose can show characteristics of that method in the finish, such as brush strokes or roller marks. Spraying is the most common application method. The typical reaction time is 3-5 minutes. Reaction times will vary depending on climate, dilution, and desired color. Do not let the patina dry on the surface.
 3. Rinse the metal with water to stop the reaction. Buff the surface with a microfiber towel or soft sponge just hard enough to remove any film left by the patina. Pat dry with clean white paper towels.
 4. Reapply the patina and repeat the rinsing process as needed for a darker or more uniform finish.
 5. Before using a sealer, heat the surface with a torch or heat gun to evaporate any excess water in the metal. Apply a sealer such a Clear Guard or Ever Clear to protect the finish.

Storage: Store in a cool, dry location. Do not allow this material to freeze.

Technical Data:

Physical State:	Opaque red green liquid
Coverage:	Approx. 200 sq. ft. per gallon
VOC:	Not applicable
Flammability Limits:	Not flammable
Designed for Use on:	Steel, Aluminum, Bronze, Brass, Copper, Zinc/Galvanized
Boiling Point:	>100°C (212°F)
pH:	2.3
Solubility in Water:	Complete