

Traditional Darkening Patina

Technical Data Sheet

Description: Sculpt Nouveau Traditional Darkening Patina darkens bronze, brass and copper. It also reacts with iron and steel to make a gray/black finish and with zinc/galvanized to create a dark brown patina. Darkening Patina is a ready to use formula. Use distilled water to dilute the patina for lighter coats or colors. Darkening Patina does not work with the Metal Coatings.

Safety: Work in a clean, well-ventilated area. Always wear a vapor respirator, protective clothing, eye protection and gloves when using this product.

Storage: Store in temperatures between 50-90°F.

Surface Prep: Sand (60-80 grit) or sandblast the metal. Next, clean the surface with Sculpt Nouveau Metal Cleaner and Degreaser and a Scotch-Brite pad, then rinse with water. Cleaning the surface is mandatory after sanding or touching the metal. DO NOT use Acetone or any solvent based cleaners.

Application: The optimal application temperature is between 50-80°F. Apply Darkening Patina to the metal surface with a brush, sponge, roller or sprayer. The patina may show characteristics of the application method. Spraying is most common for uniform finishes. The normal reaction time is 3-5 minutes. More concentrated mixes will cause faster reactions and darker finishes.

DO NOT allow the patina to dry on the surface. Rinse the patina with water to stop the reaction. You must also remove any excess film developed by the patina. While rinsing, rub softly with a microfiber towel or sponge. Dry with clean white paper towels as soon as you finish rinsing. Reapply the patina as needed to create a darker or more uniform finish.

Protection: On iron, steel and zinc/galvanized, we recommend Sculpt Nouveau Metal Oil to prevent fast oxidation/rust. Once the oil has cured, apply a clear coat such as Sculpt Nouveau Clear Guard or Ever Clear. If you did not use Metal Oil or are working on bronze, brass or copper, heat the surface with a torch or heat gun to evaporate excess water in the metal, then apply the clear coat.

Quick Reference Data

Physical State: Transparent Liquid
Coverage: Approx. 200 sq. ft. per gallon
VOC: None
Solubility in Water: Complete
Boiling Point: >212°F

pH: 3.1
Flammability: Not Flammable
Reactive Surfaces: Bronze, Brass, Copper,
Iron, Steel and Zinc/Galvanized