

Traditional Slate Black Patina

Technical Data Sheet

Description: Sculpt Nouveau Traditional Slate Black Patina blackens all iron and non-stainless steel. It is ready-to-use and requires no dilution. Slate Black also works on bronze, brass, copper, aluminum, stainless steel and zinc/galvanized. Slate Black develops a rustic black on iron and steel and a brownish-black on bronze, brass, copper and zinc/galvanized. For stainless steel and aluminum, apply it as a hot patina (180-200°F). On aluminum, Slate Black creates a dark brown finish. On stainless steel, it is a brown, red and black finish.

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 handling with bare hands. DO NOT use Acetone or any solvent based cleaners.

Application: For cold patinas, the optimal application temperature is between 50-80°F. Apply Slate Black 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.

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 after rinsing. Slate Black rusts quickly on ferrous metals. To prevent rust, use a heat gun to dry the metal as soon as possible after rinsing, then protect the surface with a clear coat or Sculpt Nouveau Metal Oil. If unwanted rust occurs, burnish back with 0000 steel wool. Reapply the patina as needed to create a darker or more uniform finish.

For hot patinas, heat the metal to 180-200°F, then apply the patina. No rinsing is required to neutralize the acid. Allow the metal to cool before using a clear coat.

Protection: Protection: Heat the surface with a torch or heat gun to evaporate excess water in the metal, then apply a clear coat such as Sculpt Nouveau Clear Guard or Ever Clear.

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: 2.3
Flammability: Not Flammable
Reactive Surfaces: Bronze, Brass, Copper, Iron, Steel, Aluminum, Zinc/Galvanized and Stainless Steel