

Traditional Japanese Brown Patina

Technical Data Sheet

Description: Sculpt Nouveau Traditional Japanese Brown Patina creates a warm brown oxide finish on iron and all non-stainless steels. It is ready-to-use and requires no dilution. Use Japanese Brown Patina in hot or cold applications. When applied cold to iron or steel, a rich brown color will form. On heated iron or steel, a dark brown patina will occur. Heat darkens the color and reduces mottling. Japanese Brown Patina can work on bronze, brass and copper to produce a golden-brown finish. It 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: If you are applying the patina cold, spray on Japanese Brown Patina, then scrub the surface with a Scotch-Brite pad. Let the patina react for 3-5 minutes while rubbing, then rinse with water to stop the reaction. Reapply the patina and scrub it around after the first rinse. Let the patina dry on the surface overnight. If you are applying the patina hot, heat the metal to about 180-200°F, then apply the patina.

Protection: For a cold patina, wait a minimum of 24-48 hours to dry. 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. For hot applications, allow the metal to cool to room temperature, 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: 3.5
Flammability: Not Flammable
Most Reactive Surfaces: Iron and Steel