

Sculpt Nouveau

Patinas and Metal Finishes



EVER-CLEAR

2 PART SOLVENT URETHANE RESIN

LOW VOC

INSTRUCTIONS

General Description

Sculpt Nouveau's Ever-Clear acrylic urethane is a clear, durable, air-drying two-part acrylic urethane that is formulated for application on all metals including copper, brass, bronze, steel, aluminum, stainless steel, wood, terracotta, ceramic and concrete. Sculpt Nouveau's Ever-Clear provides unusual under-film tarnish protection as well as superior resistance to ultra-violet light, and remarkable resistance to salt air atmosphere.

Ever-Clear makes an excellent coating to seal and preserve various oxidizing and coloring processes that are used for antique patina and decorative surface treatments.

Mixing

Thoroughly mix Part A, then mix Part A with Part B in the required 3:1 ratio for 10 minutes. It is important to mix thoroughly to fully blend the two parts. It is recommended to mix Ever Clear with a paddle mixer on a drill at low speed. Allow a 10 to 15 minute sweat-in period, in an opaque covered container, before using the coating. (sweat-in period is the time between mixing the two parts together and the time you can start applying) Allow the mix to adjust to room temperature (70°F – 85°F). Filter with supplied 18 micron filter. Part B is sensitive to air and light. Do not open and close can often if not using entire amount. Pot life is 6 to 10 hours. **DO NOT USE AFTER THIS AMOUNT OF TIME.**

Surface Preparation

The life and quality of a coating depends greatly upon the preparation of the receiving surface. Surfaces to be coated should be dry and free of contaminants and oils. Careful selection of commercial metal cleaners is crucial because of the possibility of introducing harmful residues. Sculpt Nouveau's Metal Cleaner/Degreaser is the recommended cleaner. The Ever-Clear and the metal surface should be normalized to room temperature (70°F - 85°F). The metal should not be cold to the touch. **NEVER USE ACETONE OR SOLVENTS FOR ANY TYPE OF SURFACE PREP OR TREATMENT.**

Note: Unseen moisture may be on the metal surface, and in some cases, for example, on humid days, the coating can trap moisture underneath the film. This trapped moisture will manifest itself as a "cloudy" coating and/or create a possible bonding problem. Such cloudy coatings can be **prevented** by heating the metal surface with a heat gun or torch to remove surface moisture before applying.

Application

Spray application is the preferred method, although brushing or flow coating may be used. If applying with brush, use a high quality natural bristle brush. When using the matte formula, brushing is not advised. Any dust collected on the cleaned metal should be blown or wiped off with a clean cloth before coating is applied. Coating is applied in full coats. The second coat should be applied in about an hour. (If you are unable to apply the second coat in a timely manner, you may lightly sand the first coat, so that the second coat will adhere) Take measures to minimize dust and debris falling on your coated products. Metal surfaces should be room temperature (70° – 85°F). Do not use when the temperature is over 85°F or under 50°F.

Spray:

Thinning is not recommended when using spray equipment. If you must thin, use up to 20% Sculpt Nouveau Solvent Thinner. For best results use a good quality HVLP sprayer. Make sure that the spray equipment is clean and at room temperature. Spray at the lowest possible PSI so that it lays down lightly.

Drying Time

The coating air dries to the touch in less than 1 hour, depending on room temperature and may be forced dried faster at 250° F. The coating air dries solid/hard film within 4 hours, depending on coating thickness, temperature, etc. Full cure dry time will be 5 to 7 days.