

Sculpt Nouveau

Patinas and Metal Finishes



EVER CLEAR

2 PART SOLVENT URETHANE RESIN

LOW VOC

INSTRUCTIONS

General Description

Sculpt Nouveau's Ever Clear is a clear, air-drying, two part acrylic urethane designed to provide the best and strongest protection for most surfaces and finishes. Use Ever Clear for your toughest jobs - countertops, ocean environments, etc. It works extremely well on all metals, wood, terracotta, ceramics, and concrete. Sculpt Nouveau's Ever Clear two part acrylic urethane provides a strong under-film tarnish protection, superior resistance to UV light, and remarkable resistance in salty air environments. 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

It is recommended to mix Ever Clear with a paddle mixer on a drill at low speed. 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. 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. Do not open Part B with the intent of not using all of it when the humidity is over 45%. Pot life is 6 to 10 hours once mixed. **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, moisture and oils. Careful selection of commercial metal cleaners is crucial because of the possibility of introducing harmful residues. Sculpt Nouveau's Metal Cleaner and Degreaser is the recommended cleaner. **NEVER USE ACETONE OR ANY TYPE OF SOLVENT FOR SURFACE PREP OR TREATMENT.** The Ever Clear and metal surfaces should be normalized to room temperature before use (70°F - 85°F).

IMPORTANT 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. Oxidation can occur as well over time. Such cloudy coatings can be prevented by heating the metal surface with a heat gun or torch to remove surface moisture before applying. Apply the Ever Clear to the warm surface or allow the metal to cool to room temperature. Use only white paper towels for drying. Never use blue towels or shop towels.

Application

Spray application is the preferred method. Although brushing or flow coating may be used, spraying will achieve the best results. If applying with a brush, use a high quality natural bristle brush. It is not recommended to brush apply the matte formula.

Any dust collected on the cleaned surface 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°F - 85°F). Do not use when the temperature is over 85°F or under 50°F.

Spray:

For best results use a good quality HVLP sprayer. The spray equipment must be clean and at room temperature. Thinning is not recommended for spray application. If you must thin, use only Sculpt Nouveau's Solvent Thinner and not more than 10%. **PROTECT SURROUNDING AREAS FROM OVERSPRAY!**

Drying Time

The coating air dries to the touch in less than 1 hour, depending on room temperature. The coating will air dry solid/hard film within 4 hours, depending on coating thickness, temperatures, etc. Full cure dry time is 5 - 7 days. Before introducing the coating to a wet environment it is recommended to cure 20 days for full chemical and water protection.

Dry Film Physical Characteristics

For optimal protection, the cured solid film should have a thickness of 0.5 - 0.75 mils.