



Sculpt Nouveau's Vinyl Resin

Using Vinyl Resin

Vinyl Resin is a high quality coating, designed and produced to be applied to newly galvanized ironwork, aluminum and structural steel. It offers an attractive, long-lasting, low maintenance finish for many types of ironwork. Vinyl Resin may also be applied to most all other substrates, including wood, resins, plastics, block and concrete.

The most popular choice of finish is our Matte Black Vinyl Resin but is also available in many different colors and also a pearl finish. Vinyl Resin is a perfect product for most decorative ironwork. It is available in spray-on liquid so you may use your own spray equipment, or for convenience in an aerosol spray can.

Vinyl Resin colors may be blended with each other. A top coating is not necessary, but one may be applied. A clear or colored wax may be used over the Vinyl Resin as well.

Benefits of Using Vinyl Resin

- * **No primer necessary**
- * **Fast drying and does not chip**
- * **Excellent adhesion**
- * **Superior rust protection**
- * **Suitable for aluminum, structural steel and hot dipped galvanizing**

Surface Preparation:

It is extremely important that all work is dry, clean and free from oil and rust. For best results, mild steel surfaces should be cleaned with Sculpt Nouveau's Metal Cleaner and Degreaser, then sandblasted, orbital sanded, abraded with a Scotch-Brite® pad or wire brushed thoroughly, then cleaned again with Metal Cleaner and Degreaser before painting. This will help adhesion and give a long life before any type of maintenance is required.

For newly galvanized steel, please ensure that any sharp points have been removed, and that it is thoroughly dry and free from dust, oil or grease before painting. Wiping the work over with isopropyl alcohol before painting is a good final prep. If the galvanizing is very shiny it may require abrading.

For aluminum, ensure that the surface has been abraded and is very clean before applying.

For all other substrates, ensure the surface is cleaned and grease free.

Applying Vinyl Resin - must be spray applied only

Make sure the work is properly coated to the correct film thickness, 40 microns. The appropriate film thickness will usually be achieved by applying a minimum of 2 to 3 coats. We recommend 2 to 3 coats for inland exterior environments of 75 microns but total thickness depends on the use of the piece and the conditions it will be in. In some instances, such as coastal areas, 120 microns is recommended. Recoat time is 1 hour.

Metal surfaces should be room temperature (70°F - 85°F). Do not use when the temperature is over 85°F or under 50°F. The drying times will be significantly extended in cold, damp conditions. Let cure a minimum of 48 hours.

Spraying Viny Resin

Airless - Up to 5% thinners may be added to suit equipment. Typical tip size 13-19 thou.

Conventional sprayer - Up to 20% thinner may be added to suit equipment. Clear Guard EF is the recommended thinner. Adding Clear Guard Satin EF will give Vinyl Resin a shinier finish.

Future Maintenance

One big advantage of using Sculpt Nouveau's Vinyl Resin is that it is long lasting and very low maintenance when applied to the correct film thickness. It will look good for many years and then it is very simple to repaint in the future. Just ensure that the work is clean and dry and repaint with a single coat of your chosen color.

Coverage

One gallon will cover approximately 150 sq. ft.

IMPORTANT

Correct Health and Safety procedures must be followed at all times. Basic information is on the cans, but we strongly recommend all users to read the full Safety Data Sheets. Sculpt Nouveau's Safety Data Sheets are available on-line on the website at www.sculptnouveau.com

FLAMMABLE, HARMFUL IF INHALED, CAUSES RESPIRATORY TRACT, EYE, AND SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. Keep away from heat, sparks and flame. Use with adequate ventilation. Do not breathe vapors or spray mist. Wear respirator, protective clothing, eye protection and gloves. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. **FIRST AID:** In case of eye contact flush with plenty of water for at least 15 minutes and get medical attention. If on skin, wash thoroughly with soap and water. If affected by inhalation of vapor or spray mist, remove to fresh air. Seek medical attention if breathing is difficult. If swallowed, get prompt medical attention. Seek medical attention for any side effects from using this product. **KEEP OUT OF REACH OF CHILDREN.**