



Zero* V.O.C. Interior/Exterior Alkyd Emulsion Finish

Architectural Coating - Premium Plus

Description

Protec Metallic is in the family of high performance metallic finishes. It is a part of our Protec Alkyd Emulsion product line and offer the same balance of excellent performance and application properties. Protec Metallic finishes offer a step forward in water-based metallic finishes that are zero* VOC and virtually no odor. These decorative products can be applied on a variety of interior and exterior architectural surfaces including metal (except unprimed galvanized metal), wood and primed cementitious surfaces.

CAUTION: DO NOT SHAKE CONTAINER.
KEEP ALL METALLIC PRODUCTS AWAY FROM HEAT.

Recommended Uses

Metal railings, door frames, windows, lockers, wrought iron and any other surfaces that require a metallic finish.

Packaging & Colors

One Gallon containers

9802 Aluminum Semi-Gloss
9803 Bronze Semi-Gloss
9806 Anodized Bronze Semi-Gloss
9808 Brushed Nickel Semi-Gloss
9809 Gold Semi-Gloss
9707 Anodized Bronze Satin

Quart containers

9707 Anodized Bronze Satin
9802 Aluminum Semi-Gloss

Surface Preparation

Proper preparation of metal surfaces is essential to performance of water based coatings. Remove oil, grease, dirt, loose rust, loose peeling paint or other contaminants. Some metal surfaces, such as new galvanized metal may need to be acid-etched and thoroughly cleaned from any acid residue. Glossy surfaces must be sanded.

Primer

Concrete/ Masonry:	4600 Uniprime II
Wood:	6600 Aqua Lac
Ferrous Metal:	9600 Protec Metal Prime White 9610 Protec Metal Prime Red Oxide
Non-Ferrous Metal:	4800 Metal Pro White 4810 Metal Pro Red Oxide

Application

Brush, roll or spray with HVLP. Ambient and surface temperatures must be above 55°F and relative humidity below 80%. Clean tools and equipment with soap and water.

DISCLAIMER: To the best of our knowledge, the technical data contained herein are true and accurate at the date of issuance and offered in good faith. All technical information is subject to change without prior notice. This product is guaranteed to give satisfactory performance if applied and used in accordance with the label instructions. Any liability shall be limited to a refund of the purchase price, or replacement of this product. This warranty does not include labor or cost of labor for the application of any coating. All express and all implied warranties are hereby disclaimed and excluded including all implied warranties of fitness for a particular use and merchantability. Final determination of the suitability of product or intended use is the sole responsibility of the user. Additional information may be obtained from your local sales representative.

Revised 11.15

Drying Time

Touch: 1 hour
Recoat: 6 hours

Coverage

300 – 350 square feet per gallon, depending on surface.

Mill Thickness

Wet = 5.0 Dry = 2.0

Thinning

Use water sparingly.

Composition

Proprietary Metal	6.0%
TOTAL PIGMENT	6.0%
Proprietary Resin	34.0%
Additives / Solvents	11.2%
Water	48.8%
TOTAL VEHICLE	94.0%
Weights & Measurements	+/-3.0%
Solids by Volume:	35.5%
Solids by Weight:	40.0%
VOC:	< 5 g/l
Weight Per Gal:	10.31 lbs.
Viscosity:	95 - 100 KU
Regulatory Coating Type:	Non Flat

Testing

Adhesion (ASTM D 3359-97)	
on steel panel	0% removal
Prohesion (ASTM D 5894-96)	
on steel panel (1000 Hours)	no corrosion
Humidity Resistance (ASTM D 4587-91)	
on steel panel (100 Hours)	10 (no effect)

Conformance

SCAQMD - complies with Rule 1113, Architectural Coatings

LEED - complies with LEED 2009 and LEEDv4
-Low Emitting Materials

Green Wise - tested and certified
MPI - #157 and #157 X-Green

*NOTE: Zero VOC is defined as no VOC containing solvents added in the manufacturing process of this product. Slight traces of VOC are present in additives used in manufacturing. This product has less than half the allowable VOC of the SCAQMD Super Compliant Coatings category.

