



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

Architectural Coating - Premium Plus

Description

Protec is a premium plus high performance semi-gloss alkyd emulsion enamel, which is uniquely formulated for a wide variety of surfaces and conditions. It has strong corrosion resistant properties making it an excellent choice as a rust preventative coating on metals. Protec Alkyd Emulsion can be used as a DTM on properly prepared surfaces (for more information regarding DTM applications, contact a Vista Representative). In addition, it has excellent resistance to abrasion, moisture and chemical fumes. Protec can be used as an industrial maintenance coating on metal, wood, concrete and masonry. It is a super compliant "green" coating that is designed for use on all interior/exterior architectural surfaces. Protec has very low odor and zero* VOC.

Recommended Uses

Properly primed interior/exterior concrete and masonry, wood (i.e. doors & frames) and metal (i.e. doors & frames, garage doors & wrought iron surfaces) that require a tough, durable, washable surface. **NOT RECOMMENDED OVER UN-PRIMED GALVANIZED SURFACES.**

Colors

White and Black

Bases: A, D and P

Packaging

One and five gallon containers

Finish

Semi-Gloss, sheen @ 60° = 75.0%

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 then 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. Ambient and surface temperatures must be above 55°F and relative humidity below 80%. Clean tools and equipment with soap and water.

Drying Time

Touch:	1 hour
Recoat:	6 hours

Coverage

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

Mil Thickness

Wet = 5.0	Dry = 2.0
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Thinning

Use water sparingly.

Composition

Titanium Dioxide	24.8%
Extenders	1.0%
TOTAL PIGMENT	25.8%
Proprietary Resin	23.7%
Additives / Solvents	5.5%
Water	45.0%
TOTAL VEHICLE	74.2%
Weights & Measurements	+/-3.0%
Solids by Volume:	35.5%
Solids by Weight:	47.9%
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

CDPH Section 01350 - tested and passed

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.

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.

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