Protec is a premium plus high performance 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, Protec 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 and has very low odor.

**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 UNPRIMED GALVANIZED SURFACES.**

**Colors**
White and safety colors
Bases: A, D and P

**Packaging**
Quart, one and five gallon containers

**Finish**
Gloss, sheen @ 60° = 85.0 - 92.0%

**Surface Preparation**
Remove oil, grease, dirt, loose rust, loose peeling paint or other contaminants that may impair adhesion and affect performance. All new surfaces must be primed. Metal surfaces need to be acid-etched and then cleaned from any acid residue. Glossy surfaces must be sanded and may require priming.

**Primer**
Concrete/Masonry: 4600 Uniprime II
Wood (Interior): 6600 Aqua Lac
8000 Carefree Prime-ZALL
Wood (Exterior): 4000 Uniprime
8000 Carefree Prime-XALL
Metal Non-Galvanized: 8600 Polytec Primer
9600 Protec Metal Prime
Metal Galvanized: 8600 Polytec Primer
4800 Metal Pro Primer
Aluminum: 8600 Polytec Primer

**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**
Up to 350 square feet per gallon, depending on porosity and texture of surface.

**Mil Thickness**
Wet = 5.0
Dry = 2.0

**Thinning**
Use water sparingly.

**Composition**

Titanium Dioxide 24.8%
TOTAL PIGMENT 24.8%
Proprietary Resin 24.8%
Additives / Solvents 4.8%
Water 45.6%
TOTAL VEHICLE 75.2%

**Weights & Measurements**

Solids by Volume: 35.9%
Solids by Weight: 47.8%
VOC: <10 g/l
Weight Per Gal: 10.23 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

*NOTE: This product complies with the Super Compliant Coatings category under SCAQMD definitions.