

technical Information

#5137

CRICSSM



"GREEN"
Coating
Products

Ceramic Reflective Insulating Coating Systems

ProTek – FINALFINISHTM

SEMI-GLOSS

Ceramic Reflective Elastomeric Urethane

COMMERCIAL INDUSTRIAL

INSULATING HIGH PERFORMANCE EXTERIOR WALL COATING



PRODUCT DESCRIPTION

ProTek- FINAL FINISHTM SEMI-GLOSS is a bright white, acrylic elastomeric, urethane, ceramic coating for all types of walls, Tanks & Silos. A waterborne, latex-based, high build formula that insulates, soundproofs, beautifies and protects. **PROTEK-FINAL FINISHTM SEMI-GLOSS** forms a thick, rubber-like ceramic shield of protection that helps to waterproof and seal. **PROTEK-FINAL FINISHTM SEMI-GLOSS** expands and contracts with varying hot and cold temperatures and resists thermal shock. **PROTEK-FINAL FINISHTM SEMI-GLOSS** offers superior mildew resistance, ceramic insulation and soundproofing combined with excellent adhesion, ultraviolet ray reflectivity and a beautiful finish. Designed specifically as an insulating, energy saving wall coating, **PROTEK-FINAL FINISHTM SEMI-GLOSS** combats the destructive environmental forces of nature and actually extends the life of the wall. **PROTEK-FINAL FINISHTM SEMI-GLOSS** offers a 7 YEAR LIMITED WARRANTY when applied as a two coat system per manufacturer's specifications. This easy-to-apply wall coating will provide years and years of durable protection and outstanding beauty.

PRODUCT USES

PROTEK-FINAL FINISHTM SEMI-GLOSS is recommended for all types of walls, Tanks & Silos. Excellent adhesion on weathered wood, plywood, T 1-11, primed metal, galvanized metal, aluminum, tin, copper, asbestos, urethane, polyester, styrofoam, fiberglass, concrete block walls, poured concrete walls, masonry, and various other substrates. For residential, commercial, and industrial applications.

- Ceramic Insulation & Soundproofing
- Environmentally Safe

SURFACE PREPARATION

A primer sealer coat of **ProTek-ELASTOPRIMETM Elastomeric Adhesive Primer Sealer** is recommended prior to the application of **PROTEK-FINAL FINISHTM SEMI-GLOSS**, if substrate was not previously coated or if the surface needs extra bonding. Rusted areas need to be primed with **ProTek-OXIPRIMETM Water-based Red Iron Oxide Primer**. Prepare surface by thoroughly pressure washing with a water and chlorine solution (unless previously done prior to applying primer coat) using at least 1500 P.S.I. to remove any loose, flaking or peeling old coatings, dirt, grease, and other foreign materials, especially mold, mildew and algae.

PROTEK-FINAL FINISHTM SEMI-GLOSS will resist mildew growth but will not kill mildew already on the surface. Apply only to a sound, well-prepared surface. Patch any holes, cracks, etc. with **ProTek-THERMAPATCHTM Waterproof Caulk and Sealant**

TOP COAT APPLICATION PROCEDURE

Stir **PROTEK-FINAL FINISHTM SEMI-GLOSS** well before using. Do not thin, use product as is. For proper adhesion, it is essential that the surface is clean and dry and free of all moisture. Do not apply when temperatures are below 45°F or when humidity is very high. Do not apply when coating will be subjected to rain or heavy dew before it has had enough time to dry (approximately 2 to 4 hours). Drying time will vary depending on temperature, humidity and location. Apply using brush, roller or sprayer (1 GPM piston- type airless sprayer with a minimum tip size of .027). Spread uniformly. Wait at least 12 hours before applying the **second coat**. Two coats are required for the 10 YEAR WARRANTY on Walls, Tanks & Silos. Clean up immediately after use, with warm soapy water.

SHIPPING, STORAGE, DISPOSAL

Shipping ID: Non-Flammable, Non-Toxic liquid

Disposal of Unused Product: Dispose of unused product in EPA approved non-hazardous waste processing facility. Do not pour into sewer or storm drains.

Shelf life: 1 year @ 40° - 80° F

Clean up: Soap and water

Special Applications: Ask your ProTek-USA rep. for instructions

PHYSICAL PROPERTIES

Reflectivity: **82.7%+ white** {slightly less when tinted
Emissivity: **93%+ white** {in light earth tones or pastels
Lead and Chromate Free: Yes
Vehicle Type: Copolymer Emulsion
Cures by: Evaporation
Color: User tintable - White, Deep & Clear Bases
Pigment Type: Universal Tint
Hiding: Excellent
Gloss/Finish: Semi-Gloss/Very Smooth
Solids: 51% +/- 2% (by weight)
..... 42% +/- 2% (by volume)
V.O.C Emissions: 88.8 grams/liter (.74lbs/gal.)
UV Resistance: Exceptionally high
Fungus/Mildew Resistance: High
Weight: 10.9 lbs. +/- .3lbs /gal (wet)
Viscosity: 100 - 120 KU
Elongation: 127% (cured sample)
Film thickness: 12 wet mils = 7-8 dry mils/coat @ 150 sq. ft/gal
DRY TIME:

To touch: 2 -4 hours @ 77 ° F

To recoat: 12 hours 50% RH

To fully cure: 5-7 days

APPROXIMATE COVERAGE:

Wood Siding / Stucco: 2 coats each @ 125 - 175 sq.ft./gal.

Metal: 2 coats each @ 125 - 175 sq.ft./gal.

Concrete walls/ porous materials: 2 coats each @ 125-175 sq.ft/gal.

KEEP OUT OF REACH OF CHILDREN

WARRANTY COMPLIANCE INFORMATION

The **PROTEK-FINAL FINISHTM SEMI-GLOSS 7 YEAR LIMITED MATERIAL WARRANTY** is for Product only and applies to chipping, cracking and peeling, only. Labor is not covered by this warranty. This product is not guaranteed to stop or prevent leaks; all leaks must be repaired prior to the application of any coating. The WARRANTY is available only when product is applied according to Manufacturer's Application Procedures and Strict Material Requirement Specifications and a Warranty Registration and a Job Completion Form it is submitted to Manufacturer within 90 days of completed coating application date. A **required** primer sealer coat of **ELASTOPRIMETM or ProTek-OXIPRIMETM Water-based Red Iron Oxide Primer** must be applied prior to the application of **PROTEK-FINAL FINISHTM SEMI-GLOSS**. The primer coat and two coats of **PROTEK-FINAL FINISHTM SEMI-GLOSS** must result in a minimum 20 mil total dry film thickness. **MINIMUM SPREAD RATES:** **ELASTOPRIMETM or ProTek-OXIPRIMETM Water-based Red Iron Oxide Primer** must be applied at no more than 150 square feet per gallon. **PROTEK-FINAL FINISHTM SEMI-GLOSS** must be applied at no more than 150 square feet per gallon per coat, resulting in an aggregate spread rate of 75 square feet per gallon for both coats.

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