

technical information

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Ceramic Reflective Insulating Coating Systems



"GREEN"
Coating Products

ProTek – DURAFINISH™ 100% ACRYLIC ELASTOMERIC CERAMIC INSULATING WALL COATING SATIN Finish

PRODUCT DESCRIPTION

DURAFINISH™ is a **100% Acrylic**, Elastomeric, Ceramic, **waterproofing** Wall Coating. A waterborne, latex-based, high build formula, **DURAFINISH™** forms a thick, rubber-like ceramic shield of protection. **DURAFINISH™** expands and contracts with varying hot and cold temperatures and resists thermal shock. **DURAFINISH™** offers superior mildew resistance, ceramic insulation, high UV ray reflectivity, soundproofing and excellent adhesion to various types of materials. Designed specifically as an insulating, **energy saving** wall coating, **DURAFINISH™** offers a 20 YEAR LIMITED WARRANTY when applied as a two coat system per manufacturer's specifications. **DURAFINISH™** is easy-to-apply and will eliminate costly maintenance, repairs and frequent repainting. It is a coating that will provide years and years of durable protection and outstanding beauty.

APPLICATION PROCEDURE

Stir well. Do not mix with other products or dilute with water. Surfaces must be clean, dry and free of oil, dirt and wax residues prior to application. Remove loose or flaking coatings with pressure washer. Clean surface with detergent using brush or pressure washer, rinse well, and allow to dry. Prime surface, if necessary, using **ProTek-ELASTOPRIME™**. **DURAFINISH™** bonds to primed metal, other paints, masonry, wood, T1-11 and other building materials. Concrete walls must be properly sealed prior to application. **ProTek-CRETESEAL™** or **ProTek-ELASTOPRIME™** will provide the best results when sealing concrete walls. After surface has been properly prepared, **DURAFINISH™** can be applied by brush, 3/4" nap roller or with a 1 GPM airless sprayer or 60 PSI pot sprayer using a .027 inch tip (remove filters from sprayer). Avoid wet film buildup (applying product at less than 50 sq. ft. per gallon) as this may cause surface cracks and "skin-over".

WARRANTY COMPLIANCE INFORMATION:

DURAFINISH™ 20 YEAR LIMITED MATERIAL WARRANTY is for product ONLY. It applies to chipping, cracking and peeling ONLY. Labor is NOT covered by this warranty. The product is not guaranteed to stop or prevent leaks. Leaks must be repaired before applying 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 is submitted to ProTek-USA within 90 days of coating application (forms supplied). **MINIMUM SPREAD RATE:** Optional Primer no more than 150 sq.ft./Gallon. **DuraFinish Satin™** no more than 150 sq.ft./Gallon/Coat, Two (2) coats required. 20 dry mils required, if primer is used; 16 dry mils if primer is not used.

SAFETY CONSIDERATIONS

Do not take internally. If product comes in contact with eyes, flush immediately with water and contact a physician for medical attention. Avoid prolonged contact with skin or breathing of spray mist. For quickest removal from skin, wash with water before product dries.

KEEP OUT OF REACH OF CHILDREN

PHYSICAL PROPERTIES

Reflectivity: ...**81.7%+ white** {slightly less when tinted in
Emissivity:**93%+white** light earth tones or pastels
Lead and Chromate Free:Yes
Vehicle Type:100% Acrylic Copolymer Emulsion
Cures by:Evaporation
Color:User Tintable – White, Deep & Clear Bases
Pigment Type:Universal Tint
Hiding:Excellent
Finish:**Satin** (also available in Matte)
Solids by Weight:52%+/- 2%
Solids by Volume:40% +/- 2%
V.O.C Emissions:88.8 grams/liter (.74 lb/gal.)
UV Resistance:Exceptionally high
Fungus/Mildew Resistance:High
Fire Rating:Qualifies for A-1 Fire Rating
Weight:12.1 lb. /gal (wet)
Viscosity:100 KU
Elongation:104% (cured sample)
Film thickness:12-16 wet mils = 5 -6 dry mils/coat
@ 100-150 sq. ft./gal/coat

Approximate Dry Times:

To touch:2-4 hours @ 77 ° F
To recoat:12 hours plus 50% R.H.
To fully cure:5 -7 days
Open Pot life:6-8 hours at 77°F/ 50% R.H.
Shelf life:1 year @ 40° - 80° F
Clean up:Soap and 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.

APPROXIMATE COVERAGE:

2 coats, each @ 100 to 150 sq.ft./gal. applied to...

...Weathered Wood, T1-11 siding, plywood, primed or galvanized metal, primed synthetic or aluminum siding, tin copper, asbestos, asphalt, urethane, polystyrene, Styrofoam, fiberglass, stucco, clay, adobe, brick, slate, concrete

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