

technical information

#3935

CRICS^s



"GREEN"
Coating
Products

Ceramic Reflective Insulating Coating Systems

ProTek-THERMATEx™

Elastomeric Insulating Ceramic Acrylic
WATERPROOFING & INSULATING
TEXTURED WALL COATING

PRODUCT DESCRIPTION

ProTek-THERMATEx™ is a bright white, 100% acrylic elastomeric, insulating CERAMIC, waterproofing Textured Wall Coating. A waterborne, latex based, high build formula coating that waterproofs, insulates, soundproofs, beautifies and protects. A self-priming coating that forms a thick, rubber-like ceramic shield of protection that actually becomes part of the wall due to its excellent adhesion and bonding properties. **ProTek-THERMATEx™** will expand and contract with varying hot and cold temperatures. Resists against thermal shock. **ProTek-THERMATEx™** offers superior mildew resistance, corrosion resistance, ceramic insulation, soundproofing, ultraviolet ray reflectivity, excellent adhesion and a beautiful finish. *Qualifies for a CLASS A Fire Rating.* This coating was designed specifically as an insulating, energy saving textured wall coating that stabilizes and strengthens walls while combating the destructive forces of nature, eliminating costly maintenance, repairs and frequent repainting. **ProTek-THERMATEx™** offers a **15 YEAR LIMITED WARRANTY** when applied per manufacturer's specifications. This easy to apply coating system will provide years of durable protection and outstanding beauty.

PRODUCT USES

ProTek-THERMATEx™ possesses excellent adhesion on weathered wood, shakes, plywood, clapboard, primed metal, galvanized, primed synthetic or aluminum siding, tin, copper, asbestos, asphalt, urethane, polyester, polystyrene, Styrofoam, fiberglass, clay, adobe, brick, stucco, slate, slab and various other substrates. For residential, commercial, and industrial applications.

SURFACE PREPARATION

Trenching, if applicable, is necessary to form a complete seal. Trench 4 to 6 inches around the perimeter of the structure. For proper adhesion, it is essential that the surface be pressure washed at a minimum of 1500 PSI, using a water and chlorine solution to remove and loose, flaking or peeling paint along with any oil, grease, residues and especially mold, mildew and algae. **ProTek-THERMATEx™** will resist mildew growth, but will not kill mildew already on the surface! Apply only to a sound, well-prepared wall surface. If the surface remains chalky or is in poor condition after cleaning, a coat of **ProTek-ELASTOPRIME™ Elastomeric Adhesive Wall Primer** is necessary. Rusted metal should be primed with **ProTek-OXIPRIME™ Red Iron Oxide Corrosion Resistant Primer**. Patch any holes, cracks, seams, imperfections, etc. with **ProTek-THERMAPATCH™ Multi-purpose Elastomeric Caulk & Sealant**.

APPLICATION PROCEDURE

Stir well before using. Do not thin, use product as is. Do not apply when temperatures are below 45° degrees Fahrenheit or when humidity is very high. Do not apply when primer will be subjected to rain or heavy dew before

it has had enough time to dry (approximately 4 to 6 hours). Drying time will vary depending upon temperature, humidity and location. Application using brush or roller (1-1/4" nap) is cumbersome and inefficient as back-rolling is not possible. Spraying with Hopper Gun (commonly used for "popcorn" ceiling applications) is highly recommended. These sprayers come in 2 to 5 gallon sizes and have adjustable nozzles. Spread uniformly. Wait at least 12 hours before applying second coat. Two coats of **ProTek-THERMATEx™ are required for the 15 YEAR LIMITED WARRANTY**. Unless a very rough texture is desired, **ProTek-DURAFINISH™** is acceptable as a second coat for warranty purposes AND IS RECOMMENDED to seal over the first coat of **ProTek-THERMATEx™**. **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). Clean up immediately after use with warm soapy water while coating is still wet.

PHYSICAL PROPERTIES

Finish:Flat Textured
Color:White - factory or user tintable
Dry Time: @ 77°F 50% RU
To Touch:4 - 6 Hours
To Recoat:12 Hours
Full Cure:5 to 7 Days
Vehicle Type:100 % Acrylic
Elongation:94% (cured sample)
Solids by Weight:63% +/- 2%
Solids by Volume:45% +/- 2%
Viscosity:120 KU
V.O.C.'s (average):61 lbs/gal. -- 73.2 grams/liter
Fire Resistance:Qualifies for CLASS A
Weight:12.0 lbs. +/- .3 lbs per gallon (wet)
Container Sizes:1 Gal., 5 Gal., 55 Gal.
Shelf Life:One year when stored at 40° - 80° F
Storage:Store between 40° - 80° F
Shipping ID:Non-Flammable, Non-Toxic liquid.
Disposal: Dispose of unused product in EPA-approved non-hazardous waste processing facility. Do not pour into sewer or storm drains.

APPROXIMATE COVERAGE

Rough Finish: 2 coats each @ 50 - 75 sq.ft./gal.
Sandy-type Finish: 2 coats each @ 75 -100sq.ft./gal.

NOTE: Coverage can vary widely depending upon condition of existing wall substrate and texture effect desired. See note about **DURAFINISH™** top coating under APPLICATION PROCEDURES, above.