

# technical information

#3611/3636/3661

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Ceramic Reflective Insulating Coating Systems

## ProTek-DURACOTE™

INSULATING & SOUNDPROOFING  
EXTERIOR WALL & TRIM HOUSE PAINT  
*In Matte – Satin – Semi Gloss*

### PRODUCT DESCRIPTION

DURACOTE™ is a high quality, **100% Acrylic Modified**, insulating ceramic Exterior Wall and Trim House Paint. DURACOTE™ is an **energy saving** wall paint providing excellent insulation against solar heat build-up with its ceramic shield of protection. DURACOTE™ was specifically designed as an economic, ceramic insulating paint with high UV ray reflectivity and resistance to mildew growth (existing mildew must be removed first). DURACOTE™ guarantees excellent adhesion to various types of materials, such as exterior/interior wood, concrete, masonry, stucco, primed synthetic or aluminum siding and primed metal. DURACOTE™ offers a **15 YEAR LIMITED WARRANTY** when applied as a two (2) coat system per manufacturer's specifications. DURACOTE™ is easy-to-apply and provides an excellent hiding latex finish.

### PREPARATION PROCEDURE:

#### PREVIOUSLY PAINTED SURFACES:

Surfaces must be clean, dry and free of oil, dirt and wax residues prior to application. Strip, sand and prime all areas of extensive peeling. Sand all glossy areas before washing. Remove blistering, loose or flaking coatings by scraping, with a wire brush or with pressure washer. Existing mildew and mildew spores must be removed using a scrub brush a solution of one cup detergent and one quart household bleach to one gallon of water. Cover shrubbery and grass with plastic sheets. Wash walls from bottom up including eaves, soffits and fascia areas that are chalky, soiled or mildewed. **NOTE:** All areas must be cleaned, even if they look clean. Mildew spores and other residue are nearly invisible and may cause peeling if not removed. Therefore, clean all areas with detergent using brush or pressure washer, rinse well and allow to dry.

#### UNPAINTED SURFACES:

Prime bare **WOOD** with one or two coats of **ProTek-ELASTOPRIME™**. Use shellac to prime all wood knots. Sand weathered and discolored wood down to bare wood and remove all dust before priming. Pressure treated wood must have aged at least 6 months before priming.

Clean all surface areas of **METAL** of all grease, oil and foreign matter before priming. Prime rusted and galvanized metal with **ProTek-OXIPRIME™ Red Iron Oxide Corrosion Resistant Primer**. Prime **MASONARY** before painting. NEW **MASONARY** must either be sealed with **ProTek -FASTCURE & SEAL™** or aged 60 days before priming. **ProTek-CRETESEAL™** or **ProTek-ELASTOPRIME™** will provide the best results when sealing concrete walls.

### APPLICATION PROCEDURE

After surface has been properly prepared, DURACOTE™ can be applied by brush, 3/4" nap roller or with 3/4 GPM - 1GPM airless sprayer or 60 PSI pot sprayer using a .017 to .020 inch tip (remove filters from sprayer). Do not apply in temperatures below 40° F or when humidity is very high. Do not apply

when paint will be subjected to rain or heavy dew. Stir well. Do not mix with other products. Thinning is not recommended, but if necessary use water sparingly. When rolling, apply in an "N" pattern first, then cross-roll to spread paint and finish with light roller strokes in downward direction. Always roll or brush from untouched to wet paint areas. Allow at least 4 hours to dry before applying 2<sup>nd</sup>. Coat. Spread uniformly.

### SAFETY CONSIDERATIONS ,CLEAN-UP & DISPOSAL

Do not take internally. If product comes in contact with eyes, flush immediately with water and contact a physician for medical attention. Clean up all spills, tools and overspray immediately while coating is still wet with warm soapy water. Dispose of unused product in EPA approved non-hazardous waste processing facility. Do not pour into sewer or storm drains.

**KEEP OUT OF REACH OF CHILDREN**

### WARRANTY COMPLIANCE INFORMATION:

DURACOTE™ **15 YEAR LIMITED MATERIAL WARRANTY** is for product **ONLY**. It applies to chipping, cracking and peeling **ONLY**. Labor is **NOT** covered by this warranty. 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 paint application (forms supplied upon request). Wait at least two (2) weeks before washing painted surfaces..

### PHYSICAL PROPERTIES

**Reflectivity:** 78%+ white {slightly less when tinted in

**Emissivity:** 85%+white {light earth tones or pastels

**Vehicle Type:** Copolymer Emulsion

**Cures by:** Evaporation

**Color:** White, Deep & Clear Base - Tintable

**Hiding:** Excellent

**Gloss:** Flat, Satin, Semi-Gloss

**Solids by Weight:** 54% +/- 5%

**V.O.C Emissions:** .88 lbs./gal. – 106 g/liter

**UV Resistance:** Exceptionally high

**Fungus/Mildew Resistance:** High

**Weight:** 11.8 lb./gal (wet) +/- .3 lb.

**Viscosity:** 60-80 KU

**Elongation:** 50-75% (cured sample)

**Film thickness:** 8.0 wet mils = 5-6 dry mils/coat

**Approximate**

**Dry Times:** To touch: 2 hours

@ 77 °F To recoat: 4 hours plus

50% R.H. To fully cure: 5 –7 days

**Open Pot life:** 6-8 hours at 77°F/ 50% R.H.

### APPROXIMATE COVERAGE:

200 to 350 sq.ft./gal./coat

Coverage depends upon surface and porosity

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