

# technical Information

#8651



## ProTek- THERMAPATCH™

WATER PROOFING ELASTOMERIC CAULK & SEALANT

### PRODUCT DESCRIPTION

**THERMAPATCH™** is a white, acrylic elastomeric, high-performance, waterproofing caulk and sealant. A waterborne latex, high solids formula with a high concentration of acrylic resins. It is specifically designed to waterproof, seal and fill: holes, valleys, cracks, vents, low spots, flashings, seams and other probable or vulnerable leaking areas. Dries to a tough yet flexible rubber-like sealant, with minimal shrinkage. Excellent waterproofing, bonding and sealing characteristics. Very easy to apply and can be painted over with most any latex paint or coating.

### PRODUCT USES

**THERMAPATCH™** can be used on roofs, walls, floors, etc. Excellent adhesion on weathered wood, shakes, plywood, primed metal, galvanized, aluminum, tin, copper, asbestos, asphalt, urethane, polyester, styrofoam, fiberglass, Built-Up-Roofs, bonded roof gravel, rolled roofing, modified bitumen membranes, mineral surfaced roofing, stucco, concrete tiles, clay tiles, masonry tiles (flat or barrel), slate, slab and various other substrates. For all residential, commercial and industrial applications.

#### HIGH PERFORMANCE FEATURES

- *Excellent Adhesion & Bonding*
- *Multi-Purpose: Roofs, Walls & Floors*
- *Minimal Shrinkage with No Cracking*
- *Elasticity Resists against Thermal Shock*
- *Waterproofs to Seal and Prevent Leaks*
- *Easy Application plus Water Clean Up*
- **ENVIRONMENTALLY SAFE**

### SURFACE PREPARATION

For proper adhesion it is essential that the surface is pressure washed with a water and chlorine solution using at least 1500 P.S.I. to remove any previous coatings, dirt, grease, and other foreign materials, especially mold, mildew and algae. **THERMAPATCH™** will resist mildew growth but will not kill mildew already on the

surface. Apply only to a sound, well prepared roof surface. Do not apply on ponding water areas of flat roofs. Be sure that rusty metal is primed with **OXIPRIME** before applying any **THERMAPATCH™**.

### APPLICATION PROCEDURE

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 caulk 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 on temperature, humidity and location. Apply using a stiff brush or trowel. Patch any holes, cracks, flashings, valleys, vents, etc. that are probable or vulnerable leaking areas. **THERMAPATCH™** will seal seams, but for severe applications inquire about **POLYMESH™**, (polyester seam tape.) Spread uniformly. When filling deep holes, more than 1 square inch, apply multiple coats and build the patch up and allow for minimal shrinkage. Sets to touch in approximately 2 hours and dries in approximately 5 to 24 hours depending on thickness of application. The thicker the **THERMAPATCH™** is applied the longer it will take to dry. **THERMAPATCH™** can be coated over in 12 hours, but be careful not to disturb the patch since it will dry from top to bottom. Clean up immediately after use while still wet with warm soapy water.

### PHYSICAL PROPERTIES

**FINISH:**.....Flat  
**COLOR:** (non-tintble).....White  
**VOLUME:** .....1 Gal. fills approx. 140 cubic inches  
**VEHICLE TYPE:**.....Co-Polymer Emulsion  
**SOLIDS by WEIGHT:**.....64% +/- 2%  
**SOLIDS by VALUME:**.....440% +/- 2%  
**GALLON WEIGHT:**.....11.7lbs. +/- .3lbs.  
**CONTAINER SIZES:**.....Caulk Tubes, 1Gal., 5Gal.  
**DRY TIME:** (@ 77°C/50% RH)  
DRY to TOUCH:.....2 to 4 Hours  
RECOAT:..... 12 to 24 Hours  
FULL CURE:.....5 to 7 Days

### APPROXIMATE COVERAGE

30 to 50 sq.ft./gal.

ProTek-USA, LLC 800-420-2998 Fax: 206-782-7532

Email: [fbl@protek-usa.com](mailto:fbl@protek-usa.com) Website: [www.protek-usa.com](http://www.protek-usa.com)