

# technical information

#3606

ENVIRONMENTALLY SAFE

## ProTek- ELASTOPRIME™

ELASTOMERIC WATERPROOFING ADHESIVE

TIE & BOND PRIMER / SEALER FOR

### Roofs & Walls

#### PRODUCT DESCRIPTION

**ProTek-ELASTOPRIME™** is a transparent, elastomeric acrylic, waterproof adhesive, Tie and Bond, Primer Sealer. A waterborne, latex based, high resin content formula that contains no fillers or pigments. It is designed to prepare any wall or roofing surfaces for a finish coating. Excellent for locking down small amounts of loose gravel on roofs. **ELASTOPRIME™** rejuvenates, revitalizes, restores and strengthens the surface to which it is applied, preventing cracking, efflorescence, spalling and segregation. A high resin content combined with the addition of special adhesive chemicals enables **ELASTOPRIME™** to tie down, solidify, waterproof, bond and seal the roof or wall surface. Excellent penetrating characteristics enables **ELASTOPRIME™** to permeate into the substrate, providing a permanent bond to the finish coat. On non-porous substrates, the high resin content provides excellent adhesion to the surface then forms a tight bond to the finish coat. The bond that is formed between **ELASTOPRIME™** and the finish coat eliminates any possibility of moisture under the finish coat thus considerably extending the life of the finish coat. **ELASTOPRIME™** is a primer coat and must be over-coated with an appropriate finish coat. **ELASTOPRIME™** is designed for use with **ProTek-DuraCoat™**, **DURAFINISH™**, **FINAL-FINISH™**, **THERMCOTE/IC™** and **THERMATEx™** for all wall surfaces and **THERMCOTE/A-5™**, **THERM-COTE/A-10™** **THERMCOTE/A-PW5™**, **THERM-COTE/A-PW5™** for roofs, but can also be used as a primer with other compatible roof and wall coatings.

#### PRODUCT USES

**ELASTOPRIME™** can be used on all types of walls and sloped or flat roof surfaces. Excellent adhesion on most any sloped or flat roof surfaces (Ponding Water in any area of the roof cannot exceed ½ inch), wood shakes, shingles, plywood, primed metal, galvanized, aluminum, tin, copper, asbestos, asphalt, urethane, polyester, Styrofoam, fiberglass, built up roofs, modified bitumen, rolled roofing, mineral surfaced roofing, concrete, clay, slate, slab and various other substrates. New masonry must age 60 days before application OR apply a sealer coat of **ProTek- FASTCURE & SEAL™** Surface Conditioner & Chalk Sealer before applying **ELASTOPRIME™** Spot prime all stains before priming entire area. If stain persists, any alky & stain blocker should be used.

#### SURFACE PREPARATION

For proper adhesion it is essential that the surface be pressure washed at a minimum of 1500 P.S.I., using a water and chlorine solution to remove any loose, flaking or peeling paint along with any oil, grease, residues and especially mold, mildew and algae. **ELASTOPRIME™** will resist mildew growth, but will not kill mildew already on the surface! Scrub or wire brush, if necessary. On gravel

roofs, remove as much loose gravel as possible to avoid using excessive amounts of **ELASTOPRIME™**. Rusted or uncoated metal must be primed with **ProTek- OXIPRIME™** Red Iron Oxide Primer Sealer. Use a degreaser on galvanized or coated metals which have oils or surface treatment. Check **ELASTOPRIME™** adhesion on galvanized or coated metal by applying to a small area for evaluation after 48 hours. If lack of adhesion is present, metal must be lightly scuffed without penetrating the coated finish or galvanizing. If applicable, use **OXIPRIME™** to spot prime the penetrated areas, then use **ELASTOPRIME™** for entire coated or galvanized surface. Patch any holes, cracks, seams, imperfections, flashings, valleys, vents, etc. with **ProTek-THERMAPATCH™** Waterproof Caulk & Sealant and/or **ProTek-POLYMESH™** Polyester Fabric Tape. Apply only to a clean and dry roof surface (absolutely no moisture can be present).

#### APPLICATION PROCEDURE

Stir well before using. Do not thin, use product as is. Do not apply when temperatures are below 45° F 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 1 to 2 hours). Apply using brush, roller or spray. Use at least a 1-gallon per minute piston type airless sprayer with a minimum tip size of .021. Remove all line and gun filters before spraying. Spot prime all exposed asphaltic patches and stains before priming entire roof or wall. Spread uniformly over entire surface at between 10 to 16 Mil wet film thickness as surface requires (see Spread Rate). Beware of sagging when applying **ELASTOPRIME™** very heavy on walls or sloped roofs. Wait at least 4 hours before applying the finish coat of paint or coating.

#### PHYSICAL PROPERTIES

**Finish:** Transparent

**Color:** Clear (non-pigmented)

**Dry Time:** To Touch: 1 – 2 Hours

@77°F To Recoat: 4 Hours

50% RH Full Cure: 5 to 7 Days

**Vehicle Type:** Co-Polymer Emulsion

**Solids by Weight:** 40% +/- 2%

**Solids by/Volume:** 35% +/- 2%

**V.O.C. Emissions:** 212.4/Ltr. ( 1.77 lbs/Gal.)

**Gallon Weight:** 8.8lbs. +/- .3lbs.

**Container Sizes:** 1 Gal., 5 Gal., 55 Gal.

**CLEAN UP:** Clean up immediately after use with warm, soapy water.

#### SPREAD RATE

Porous substrates: 50 – 100 sq.ft./gal.

Non-Porous: 100 - 175 sq.ft./gal