

Can be used on:

- Cement Tile (Flat or Barrel)
- Metal Roofs (aged Galvanized)
- Polystyrene Foam
- Mobile Home Roofs
- Asphalt Shingle Roofs
- Aged Roofs previously coated with asphalt, aluminum, or tar.
- Built-up Roofs
- Polyester Plastic Panel
- Urethane Foam
- R.V. Roofs • Bonded Gravel Roofs

DESCRIPTION: Sta-Kool® #770, Ultra White Elastomeric Roof Coating is a tough, highly flexible, white acrylic roof coating. This high performance product resists cracking, peeling and mildew, while offering tremendous durability and long term life. It expands and contracts with the roofs movement to resist damage. The coating provides an excellent, highly protective barrier which reflects the suns heat and destructive UV rays. In turn, this helps to cool surfaces and leads to a reduction of interior temperatures. This product is an "investment", and can actually pay for itself in savings on cooling costs! Do Not Allow Stored Product To Freeze.

PREPARATION: All surfaces must be dry and free of dust, dirt, oil, loose granules, gravel or peeling paint and all other foreign matter. Roofs must have proper ventilation. Rusty metal must be cleaned with a wire brush and primed with Sta-Kool® #690 Rubberized Roof / Coat before application of this product. Pressure washing entire surface is recommended for best results (use only a wide fan spray tip). Repair all leaks and cracks with Sta-Kool® #390 White Roof Patch and Stress Block #170 Seam and Repair Fabric in accordance with product instructions. Surfaces previously coated with aluminum, asphalt or tar should be allowed to cure for a minimum of one summer season prior to coating with this product. Surfaces with mildew growth or stains must be cleaned with a bleach solution (2 parts water to one part bleach). Be certain all surfaces are thoroughly rinsed and dry prior to applying coating. Do Not Thin.

FOR BEST RESULTS: Use Sta-Kool® #690 Rubberized Roof / Base Coat or Pre-Kote XL to prime entire roof surface. For longer life, embed Stress Block Reinforcing Fabric into base coat.

APPLICATION: Surface and air temperatures must be a minimum of 55°F and rising. DO NOT apply if heavy dew or rain is expected within 24-48 hours. Apply on clear, sunny day in morning hours with a 3/4" nap exterior paint roller. First, apply one coat over all seams and joints. Allow to cure for one hour or until dry, then apply two (2) uniform coats over entire surface, avoiding excessive rolling. Two full coats are needed for all applications. Apply second coat perpendicular to first coat. Allow at least 24 hours between coats and 24-48 hours for full curing. DO NOT apply to flat surfaces, poor drainage areas, or where ponding water will exist.

COVERAGE RATE: Approximately 50-75 sq. ft. per gal. per coat. See diagram on side of pail. (Total Coverage For two (2) coat application is 25-35 sq. ft. per gallon.)

NOTE: If roof becomes hot (over 100° F) during application, lightly mist roof surface with water spray to prevent coating from drying too fast. Remove any excess or puddling water prior to coating. If roof surfaces become soiled as they age, due to the elements, Elastomeric can be cleaned with a mild water and bleach solution. Excess scrubbing should be avoided. If coloring is desired, a typical addition of 3-4 ounces per gallon of Universal colorant can be added, which will result in light pastel colors. Note- Color tinting will disclaim warranty.

CLEAN-UP: Clean tools with soap and water.

PRECAUTIONS: DO NOT allow product to freeze. Protective clothing and eye wear should be used during application of these products. When transporting this product, ensure that lid is tight and pail secure and upright. DO NOT allow pail to tumble as this may cause lid to loosen and leakage to occur. DO NOT store at temperatures above 110°F. Close container after use. DO NOT reuse empty containers. Not for use on EPDM or some single ply membranes. Do not use in drinking water or food systems.

REGULATORY/ENVIRONMENTAL CHARACTERISTICS:

Volatile Organic Compound	20 g/l max. (.15 lb./gal.)
HMIS Rating	H-1, F-0, R-0, PP-A
RCRA Hazardous Substances	None
SARA Title III listing:	RQ Value 100 lbs
Sec. 302 Extremely Hazardous Substances	no
CERCLA Hazardous Substances	no
Sec. 313 Toxic Chemicals	no

TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS

Weight Per Gallon	11.81 lbs.
Solids by Weight	64.8%
Solids by Volume	50.56%
Viscosity (ASTM D-2697)	125 KU
Elongation (ASTM D-562)	250-300%
Tensile Strength (ASTM D-2370)	270 psi
Reflectivity (ASTM C-523)	92%
Permeability (ASTM D-1653)	Inverted 25 perms
Adhesion to Polyurethane Foam	4.1 lbs./in.
Combustible Solvents	None
Consistency	Brush, spray or roller
Cure Time (50% Relative Humidity, 70°F)	24 hours
Full Cure (50% Relative Humidity, 70°F)	24-48 hours
Application Temperatures	55°F and rising
Flammability	N/A (water-based)
Clean-up Tools	Soap and warm water

Approx. Shipping Weights: (Note: All approx. weights include container.)

1 gallon (3.8L)	12.3 lbs.
(4) 1 gallon containers/case	50 lbs.
5 gallons (18.9L)	60 lbs.
55 drums (208.2L)	700 lbs.

CAUTION! HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. USE WITH ADEQUATE VENTILATION. KEEP CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

FIRST AID- Avoid prolonged breathing of vapor or spray mist. (NIOSH/MSHA TC 23C or equivalent). In Case Of:

INGESTED: Contact a physician immediately.

SKIN CONTACT: Wash thoroughly with soap and water.

EYE CONTACT: Flush thoroughly with clean water and contact a physician immediately.

WARRANTY AND DISCLAIMER: Sta-Kool 770 Elastomeric Roof Coating is guaranteed to form a protective coating to your roof, for a period of seven (7) years from the date of purchase. This warranty is only applicable when this product is applied according to our directions, in two coats, and used with other Sta-Kool products. This warranty does not cover flat roofs, or poor drainage surfaces where ponding water exists. All surfaces must maintain a minimum slope of 1" per foot (5°), to be eligible for warranty. If the coating does not perform as stated during the guarantee period, we will provide, with sales receipt, the original purchaser with replacement coating to repair the affected part of the roof. Failures due to acts of God, fire, structural defects or causes beyond our control are excluded from this guarantee. Pro-Seal is not responsible for any labor, property or other consequential damages or costs incurred in the original or any replacement application. Except as stated above, we make no warranties or guarantees, expressed or implied, and none should be inferred.

Water	CAS # 7732-18-5
Latex Polymer	CAS # Mixture
Titanium	CAS # 13463-67-7
Calcium Carbonate	CAS # 1317-65-3

See MSDS for more info



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