



770-F

STA-KOOL 770 TRADITIONAL ACRYLIC Data Sheet

- White elastomeric roof coating
- Reduces heat buildup
- Thick "high hide" formula
- Expands & contracts up to 300%
- Helps reduce cooling costs



DESCRIPTION: Sta-Kool® 770 Traditional Acrylic, White Elastomeric Roof Coating is a premium, highly flexible, white acrylic latex roof coating. This high performance product resists cracking, peeling and mildew, while offering tremendous durability and long term life. It expands and contracts up to 300% with the roof's movement to resist damage. The coating provides an excellent, highly protective barrier which reflects the sun's 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 up to 30% on cooling costs!

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 drainage. Rusty metal must be cleaned with a wire brush and primed with a suitable rust resistant primer or equivalent before application of this product. Pressure washing entire surface is recommended for best results (use only a wide fan spray tip). If unavailable, use a garden hose with spray nozzle to clean & rinse roof surface. Repair all leaks and cracks with Sta-Kool 390 White Roof Patch and Universal Patching 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 liquid chlorine 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. Product can be spray applied with a professional quality airless sprayer. Apply with sprayer on a day with little or no wind.

APPLICATION: Surface and air temperatures must be a minimum of 18°C and rising. DO NOT apply if heavy dew or rain is expected within 24-48 hours. Apply on a clear, sunny day in morning hours with a 19 mm (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 poor drainage areas, or where ponding water will exist. DO NOT allow stored product to freeze.

COVERAGE RATE: Approximately 4.6-7 m² per 3.7 L per coat. Total Coverage for two (2) coat application is 2.3-3.3 m² per 3.7 L.

NOTE: If roof becomes hot (over 38°C) 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 90-120 mL (3-4 ounces) per 3.7 L of universal colorant can be added, which will result in light pastel colors.

CLEAN-UP: Clean tools with soap and water.

PRECAUTIONS: For exterior use only. DO NOT allow product to freeze. For longest life, store in controlled environment, 2°C-27°C. DO NOT store in direct sunlight. DO NOT store at temperatures above 43°C. Not intended for use on EPDM, Hypalon, PVC, or TPO. Perform Peel Adhesion Test (ASTM D903-98) before applying to any single ply roofing surface. Keep out of reach of children

TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS

Weight Per Gallon	11.00 lbs. (4.99 Kg)
Solids by Weight	53.0%
Solids by Volume	41%
Viscosity (ASTM D-2697)	115 KU
Elongation (ASTM D-562)	250-300%
Tensile Strength (ASTM D-2370)	270 psi
Reflectivity (ASTM C-523)	89%
Permeability (ASTM D-1653)	Inverted 25 perms
Adhesion to Polyurethane Foam	4.1 lbs./in.
Combustible Solvents	Propylene Glycol
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	65°F and rising
Flammability	N/A (water-based)
Clean-up Tools	Soap and warm water

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

3,7 L	12.3 lbs.
(4) 3,7 L containers/case	50 lbs.

VOC: less than 50 g/L (less water & exempt)

Product is asbestos free.

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WARRANTY AND DISCLAIMER: Sta-Kool® 770 Traditional Acrylic, White 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. The manufacturer 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.

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*IN THE U.S.A. (WHITE ONLY)



See MSDS for more info



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