



RUBBER ROOF SYSTEMS

Tech Data Sheet

TOPSHOT PRO

TS-511 HIGH-SOLIDS ACRYLIC TOPCOAT

Basic Uses & Description:

TS-511 TopShot PRO is a high-solids, high-quality, water-based acrylic coating available in white or as tinted, which cures to form a seamless membrane when applied over the entire roof area. In addition to keeping the surface cool, TopShot PRO extends the life cycle of new and existing roof systems, providing protection from ultraviolet sun and other weather exposures.

The system is suitable for use on various conventional smooth and granulated BUR and polymer modified roof membranes with smooth mineral surfacing, most metal roof systems, single ply membranes (primers or special precautions may be required), concrete, cementitious stucco, EIFS, other masonry substrates, exterior-grade plywood, rigid coverboards such as Dens-Deck® and Securock® and SPUF. A substrate adhesion test is recommended prior to product application.

Application:

PREP:

All surfaces to be coated must be clean and dry; chemical cleaners, power-washing and/or priming the surface may be necessary to ensure optimal adhesion for some substrates. Any damaged membranes, flashings, and penetration points must be properly repaired and sealed prior to application. Low water ponding areas should also be repaired to avoid future water ponding.

MIX:

Mix well before using until a uniform consistency and color is achieved. A power mixer is recommended for quantities larger than one gallon. A power mixer is recommended for quantities larger than one gallon.

DO NOT THIN - The addition of thinners or other additives will alter the intended performance and void all warranties.

APPLY:

The coating can be applied with standard airless spray equipment or applied by medium napp roller. For small, touch-up work, a brush may be used.

Care should be taken to ensure roof has positive drainage. Product not intended for use in areas where standing/ponding water occurs.

- Yield (1 gal to 100 sq ft): 8.5 dry mils
- Dry Time (70°F) 90 min @ 50% Humidity
- Re-coat Window > 6 Hours
- Apply TopShot PRO series at the rate of 1.5 gallons per 100 sq. ft. (24 wet mils). Surface texture and wind will affect applied mil thickness.

TEST PROPERTY	TEST VALUE
Solids by Volume	53 ± 2
Solids by Weight	67 ± 2
Viscosity (KU)	100-115
Tensile Strength	288 ± 50 psi
Tear Strength	87 lbf/in
Elongation	388% ± 25
Permeability ¹	14 ± 2
Water Swell	11 ± 1
VOC	< 50 g/L
Density	11.95 ± 0.20
Fungi Resistance	Pass
Accelerated Weathering	Pass
Adhesion	Pass
Low Temp. Flexibility	Pass

Clean Up:

Clean equipment and overspray with water. Clean hands with waterless hand cleaner. Application tools and equipment can be cleaned with lukewarm water and soap, followed by a rinse of isopropanol, acetone, or Simple Green®. Recirculate the rinse through lines and gun until residual coating is removed. **DO NOT USE MINERAL SPIRITS, XYLENE, TOLUENE, OR VMP & NAPHTHA SOLVENTS.**

Maintenance:

The life of the roof may be extended by regularly scheduled maintenance. A roof should typically be inspected at least twice a year. The roof immediately needs to be inspected following severe weather and extraordinary maintenance on roof-mounted equipment.

Packaging Sizes:

TS-511 TopShot PRO is available in Tote, Drum and 5 gallon containers.



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Composition & Materials:

TS-511 TopShot PRO is a one-part, ready-to-use material that can be applied easily to a dry, frost-free surface, and cures at normal temperature in 1 to 4 hours by reacting with the heat from the sun. For applications with lower-than-normal temperature expect the cure time to be longer.

Weather Restrictions & Cure Time:

It is recommended not to apply in temperatures less than 40 degrees Fahrenheit; do not apply if rain is expected within four hours of application. If applied in lower temperatures, the cure time may be affected.

The coating can dry in 6-8 hours depending on variables such as temperature and humidity. A subsequent coat should be applied as soon as the previous one can safely be walked on.

Storage:

This product has a recommended shelf life of 12 months from date of manufacture when stored in unopened containers and between 40°F and 100°F to prevent the product from freezing. Refer to product packaging.

Limited Warranty Information:

Kool Coats offers a 15-20 year Material Warranty. A 15-20 Year Labor and Material Warranty is available for a fee. For warranty details contact your Kool Coats representative.

WARRANTY DISCLAIMER:

This product is warranted solely to the original purchaser. This warranty is non-transferable and shall not apply to any subsequent resale or transfer of the product. To obtain warranty service, the original purchaser must provide valid proof of purchase. Kool Coats makes no warranties, expressed or implied, beyond those stated herein and reserves the right to modify these terms at any time without notice.