



## Tech Data Sheet

# TOPSHOT APEX TS-507 SILICONE-MODIFIED ACRYLIC TOPCOAT

### Basic Uses & Description:

**TS-507 TopShot APEX** is a high tensile and elongation, one-pass, reflective roof coating. It is silicone modified for enhanced UV, scrub, and ponding water resistance. Excellent adhesion to SPF and most other substrates. Apex Blue and Apex Black are formulated with advanced IR- and UV-reflective pigments for superior color retention and energy efficiency.

### 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. color is achieved. 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.

### 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.

TEST PROPERTY	TEST VALUE
Solids by Volume	52%
Solids by Weight	62%
Weight per Gallon	10.8 lbs
Tensile Strength	440 psi
Tear Strength	82 lbf/in
Elongation	500%
Hardness (Shore A)	70
Cure Time	24-48 hrs (77°F & 50% humidity)
VOC	50 g/L
Packaging	Tote, Drum, 5 & 1 gallon
Application Temp	50°F - 100°F
Service Temp (Cured Film)	15°F - 180°F

### Spray Equipment:

Airless Spray Equipment capable of 2000 – 3000 psi.

### 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.**



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### Packaging Sizes:

**TS-507 TopShot APEX** is available in Tote, Drum, 5 gallon and 1 gallon containers.

### 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.

### 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 1-4 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.

### Limited Warranty Information:

Kool Coats offers a 10-20 year Material Warranty. A 10-20 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.

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