



Basic Uses & Description:

TS-505 TopShot EDGE is a premium elastomeric acrylic coating built with advanced resins, high solids content, and enhanced elongation for maximum waterproofing performance. Ideal for 15+ year systems, this product resists cracking, chalking, and discoloration while maintaining flexibility under roof movement and thermal cycling. Its improved formulation reduces filler content, eliminating yellowing and increasing UV stability—resulting in a longer-lasting, more durable finish. When performance, simplicity, and cost balance matter, this product is the go-to system for commercial restorations requiring a high-build, one-pass coating.

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.

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	300 psi
Tear Resistance	105 lbs/in
Elongation	360%, Nominal
Hardness (Shore A)	65
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.**



Tech Data Sheet

TOPSHOT EDGE

TS-505 ADVANCED ACRYLIC TOPCOAT

Packaging Sizes:

Advanced Elastomeric 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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