



# Tech Data Sheet

## KWIKSHOT TS-400 RUBBER PREP & COAT WATERPROOFING (SPRAY)

### Basic Uses & Description:

**TS-400 KwikShot Rubber Prep & Coat Waterproofing (Spray-Grade)** is our exclusive high-elongation, spray-applied rubber for fabric-free seam prep and waterproof base layers in acrylic and urethane roof systems. Cures fast with up to 1200% elongation and 100% waterproofing at 30 mils. Translucent blue for full visual coverage. Speeds up labor, eliminates fabric, and integrates easily into Kool Coats systems.

Compatible with most major acrylic, urethane, and hybrid topcoat systems, KwikShot integrates seamlessly into Kool Coats' full system stacks. It is not compatible with silicone topcoats.

**Rapid Labor Cycle:** 3,000 linear ft of seams prepped by one roofer in a single morning .

### Application:

**DO NOT MIX. DO NOT THIN.**

#### SURFACE PREP:

All surfaces must be sound and free of frost, dirt, grease, oil, loose nails & screws, sharp protrusions, or other contaminants that will hinder the adhesion of the membrane installation. Clean loose dust and dirt from the surface by brushing or wiping with a clean, dry cloth brush or broom.

#### APPLICATION:

Apply between 50° - 90° F on a warm dry surface. Surface temperature must be 5° F higher than the dew point and rising.

- Brush: Nylon/polyester
- Roller: 3/8" - 1/2" nap nylon/polyester
- Sprayer: Always use airless equipment. Airless sprayer specs must meet or fall between the parameters displayed below.
- Minimum Sprayer Requirements:  
Tip Orifice Size: 0.015, Flow Rate (GPM): 0.34, Maximum Working Pressure (PSI): 3,000, Hose Size: 1/4 in.
- Maximum Sprayer Requirements:  
Tip Orifice Size: 0.065, Maximum Flow Rate (GPM): 4.0, Maximum Working Pressure (PSI): 4,000, Hose Size: 3/8 in. reduced to 1/4 in.

#### APPLICATION RECOMMENDATIONS:

Review product Application Guide before proceeding. Conduct a test patch to ensure proper adhesion.

- KwikShot must be top coated with a high-quality KC acrylic or urethane coating for all exterior vertical wall exposures.
- Do not apply if the temperature is expected to drop below 32° F within 24 hours of application or over wet substrates
- Do not apply in high heat areas of 180°F or more

VOLUME SOLIDS	46%
WEIGHT PER GALLON	ASTM D1475 8.36 lbs.
ADHESION TO VARIOUS SUBSTRATES	<b>CMU</b> - ASTM D4541 Method B 80.2 psi exceeds minimum <b>Hardie Board</b> - ASTM D4541 Method B 198.8 psi exceeds minimum <b>DensGlass</b> - ASTM D4541 Method B 43.3 exceeds minimum
COLOR	Translucent Blue
COVERAGE	1 gallon per 25 sq. ft. for waterproofing applications (2 coat min for sprayer, 4 coat min. for roller) 1 gallon per 100 sq. ft. when used as a primer in roofing & deck applications
DRY FILM THICKNESS (@ 1 GAL/ 25 SQ. FEET)	7.5 Mils per coat (30 Mils total DFT for waterproofing)
DRY TIME	5 Mils DFT -Recoat in 2 hours 10 Mils DFT -Recoat in 3.5 hours
CURE TIME	7-10 days
ELONGATION	ASTM D2370 up to 1200%
FLASH POINT	>200°F
HUMIDITY	Best applied below 50% humidity
AIR PERMEANCE	ASTM E2178 Air Permeance 0.00010 cfm/ft² at 1.56lb/ft²
SEAM STRENGTH	ANSI 118.10 Section 4.2 114 lb./in-Perpendicular to Seam 46.3 lb./in-Parallel to Seam
MOLD & MILDEW RESISTANCE	ANSI 118.10 Section 4.1 No Growth
PH AS SHIPPED	ASTM E70 9.0 -9.5
BREAKING STRENGTH	ANSI 118.10 Section 4.3 1.540 psi Machine direction 512 psi Cross Direction
SHELF LIFE	24 Months Unopened
DIMENSIONAL STABILITY	ANSI 118.10 Section 4.4 -0.17% (70°C)
V.O.C CONTENT	< 1 g/l
VAPOR PERMEABILITY	ASTM E96 Desiccant Method 0.117 perms. Water Method 0.49 perms
VISCOSITY	ASTM D2196 4100 -5100 cps spindle #
SHEAR STRENGTH	ANSI 110.10 Section 5.0 138 psi (7 -day) 89.4 psi (7-day water immersion) 125 psi (Four-Week) 140 psi (twelve-Week) 76.6 psi (100 -day water immersion)

### Compliance

SCAQMD	Yes
LEED® V4 & V4.1 EMISSIONS	Yes
LEED® V4 & V4.1 V.O.C	Yes
CARB & CARB SCM 2007	Yes
OTC & OTC PHASE II	Yes

### Handling & Storage:

Clean up application equipment, tools, spills, hands immediately after use with water. Store unused product in the original container tightly sealed.

Dispose of product in accordance with local, state or federal requirements.





**Safety:**

Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes. Use hand and eye protection when using this product. Wash with soap and water after contact with skin. If eye-contact occurs rinse with clean water and seek medical advice if symptoms continue.

**Packaging Sizes:**

**TS-400 KwikShot Rubber Spray Grade** is available in Tote, Drum, 5 & 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.

**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.