



#5400
THERMOPLASTIC
RUBBERIZED ASPHALT
SEALANT
(BRUSH, TROWEL & CAULK)

#5400 SPECIFICATION

ASTM D 4479 (Brush)

ASTM D 4586 (Trowel and Caulk)

ASTM C 920, Type S, Grade NS, Class 25, Use NT, except for weight loss. Fed Spec TT-S-00230c, Class A, Type II (Caulk)

PRODUCT DESCRIPTION

Lucas #5400 Thermoplastic Rubberized Asphalt Sealant is a high-performance, multipurpose thermoplastic elastomer based roofing sealant. Excellent adhesion to most surfaces including: metal, Kynar®, asphalt, shingles, modified bitumen, wood, concrete, tile, masonry and glass. It is also available in three grades: Brush Grade for sealing larger areas and gravel roofs, Trowel Grade for sealing flashings and penetrations and Caulk Grade in 10 oz cartridges for residential roof and flashing installation and repair.

Lucas #5400 is manufactured from UV stable SEBS thermoplastic elastomers. The asphalt portion of the formula provides excellent adhesion to asphaltic and other surfaces.

APPLICATION

Surface to be sealed must be clean.

Brush Grade: Mechanically mix prior to use while taking care to avoid entraining air. Apply with a ¾ in nap roller, brush, or suitable spray equipment at the rate of 3 gallons per 100 square ft. on smooth roofs up to 8 gallons per square on gravel roofs. Reinforce with Tietex polyester as necessary. Do not apply Brush Grade to wet surfaces. Top coating with Lucas #637 Elastomeric Aluminum is recommended after full cure for extended service life.

Trowel Grade: Apply the product as it comes from the container with a trowel or putty knife ¼ inch thick. Taper edges. Reinforce with Tietex polyester as necessary. May be coated with #637 Elastomeric Aluminum.

Caulk Grade: To use, cut tip to size and puncture seal. Maximum recommended joint width and depth is 3/8 inch. Use backer rod for deep joints. Keep product warm prior to use. When used as a shingle tab cement, apply only in ¼ inch ribbons. Excessive application rates may damage shingles.

The preceding directions are basic guidelines only. Please read and understand the complete Lucas Guide Specification for this product for the intended application. The Guide Specification is available from techsupport@rmlucas.com

Clean up: Clean up with Lucas #125 Safe Solve™.

Shelf Life: Two years from the date of manufacture.

WARNING! COMBUSTIBLE LIQUID AND VAPOR. Contains petroleum distillates. Keep away from heat and open flames. Avoid prolonged contact with or inhalation of solvent fumes. A NIOSH approved respirator with organic vapor cartridges is recommended. Do not take internally. If swallowed, do not induce vomiting. Contact medical personnel immediately. Read SDS prior to use. For professional use only. Emergency phone number 1-800-424-9300.

Viscosity (Brush)	ASTM D 2196	1,800,000 cps
Viscosity (Trowel)	ASTM D 1296	800,000 cps
Viscosity (Caulk)	ASTM D 1296	30,000 cps
Solids by Weight	ASTM D 1644	72%
Solids by Volume	ASTM D 2697	67%
Weight Per Gallon	ASTM D 1147	8.5 lbs.
Tensile Strength	ASTM D 2370	700 psi
Elongation	ASTM D 2370	600%
Movement	ASTM C 719	+/-25%
Skin Time	ASTM C 679	120 Minutes
Tack Free	ASTM C 679	6 Hours
Flash Point	ASTM D 56	103°F / 39°C
VOC	EPA 24	< 300 g/l

Container Sizes: 5 & 55 gal (Brush), 1 & 3 gal (Trowel), 10 oz. fiber cartridge (Caulk)

Colors: Black

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