



LUCAS Professional Coatings, Sealants & Adhesives

R.M. Lucas Co. 3211 S. Wood St. Chicago, IL 60608 (773) 523-4300 rmlucas.com

#4400 SELF-LEVELING MODIFIED URETHANE CONCRETE JOINT SEALANT

#4400 SPECIFICATIONS

ASTM C-920, Type S, Grade P, Class 25, Use NT, T, M, G, A & O

Fed Spec TT-S-00230c, Class A, Type I

Canadian Standards Board CAN 19, 13-M87

PURPOSE

Lucas #4400 is recommended for sealing joints in concrete flat work and any other applications where a fast setting, non-shrinking, low odor, low modulus sealant may be required.

APPLICATION

To use this product, unscrew the spout from the cartridge, cut the cartridge tip and the spout tip to the desired size. Small orifice size and/or an incompletely punctured seal may cause material to extrude around the plunger. Sausage tubes require a special gun for application. Surface to be sealed must be clean. Minimum recommended joint size 1/4 inch x 1/4 inch. Maximum recommended joint width is 2 inches. Maximum recommended depth is 5/8 inches. Use backer rod for deep joints.

Lucas #4400 is paintable after 24 hours. Application below 32°F (0° C) is possible however curing requires free moisture in the air and will not begin until the temperature is above freezing.

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: One year from the date of manufacture. Store in a cool dry place. High temperatures and high humidity during storage will shorten the product's shelf life.

CAUTION: Do not take internally. If swallowed, do not induce vomiting. Keep out of reach of children. Read SDS prior to use.

California Proposition 65 Warning: This product may contain chemicals known to the State of California to cause birth defects and/or reproductive harm.

Viscosity	ASTM D 2196	100,000 cps
Slump	ASTM C 693	Selfleveling
Solids by Weight	ASTM D 1644	100%
Solids by Volume	ASTM D 2697	100%
Weight Per Gallon	ASTM D 1475	13 lbs.
Hardness – Shore A	ASTM C 661	34
Tensile Strength	ASTM D 2370	180 psi
Elongation	ASTM D 2370	300 %
Movement	ASTM C 719	+/-25%
Skin Time	ASTM C 679	30 Minutes
Tack Free	ASTM C 679	2 Hours
Flash Point	ASTM D56	None
VOC	EPA 24	8 g/l / < 1.5%

Properties +/- 5%

Container Sizes: 28 oz. (828 ml) plastic cartridge, 2 liter pouches, 5 gallon pails

Colors: Gray

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