



# LUCAS Professional Coatings, Sealants & Adhesives

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## #8800 UNIVERSAL SINGLE-PLY ADHESIVE

CAUTION: Avoid prolonged contact with skin or fumes. If irritation occurs seek medical attention. Keep out of reach of children. Read SDS prior to use.

### #8800 SPECIFICATION

#### PRODUCT DESCRIPTION

Lucas #8800 Universal Single-Ply Adhesive is a water-based contact adhesive for securing EPDM, TPO, PVC and other single-ply membranes to all types of insulation, recovery board, wood, metal and concrete decks. #8800 may be used to adhere recovery board to all types of roof surfaces and as an assembly adhesive for multiple layers of roofing insulation and protection boards. Fast drying with aggressive tack, #8800 bonds instantly without the risk of fire associated with flammable solvent based adhesives. VOC compliant in all of North America.

Lucas Universal Single-Ply Adhesive is manufactured from strong, elastic, low Tg polymer resin and special additives in a water vehicle. #8800 exhibits permanent surface tack.

#### APPLICATION

The surface must be clean and dry. Temperature must be a minimum of 40°F with humidity of less than 90% for proper curing. Apply #8800 at the rate of one gallon per 100 square feet to the underside of the membrane and at the same rate to the roof deck or insulation. Porous surfaces will require more adhesive. Higher application rates will extend the adhesive's cure time. The adhesive should be applied with a 1/2 inch nap roller or suitable spray equipment. Allow the adhesive to dry completely. The color of the adhesive will change from white to clear when the adhesive is fully dry. #8800 may also be used to bond various types of roofing insulation together in tapered systems or to the roof deck.

When the adhesive is dry the membrane should be mated to the roof deck or insulation in such a way as to not create wrinkles or voids. When the membrane is laid flat it should be broomed to ensure that there is full contact of the adhesive films. Subsequent rolling with a weighted roller will ensure full contact. This product is a field adhesive only. Not recommended as a lap adhesive.

For a wet lay-in application or when installing fleece backed membranes, apply the adhesive to the roof deck only at the rate of 2 gallons per 100 sq. ft. . Immediately roll the membrane into the adhesive. Weighting of the membrane is required for a period of 24 hours or until the adhesive has fully cured to prevent wind uplift of the membrane. This method may also be used with conventional TPO Membranes. Set time will be longer than the contact method.

For Single Sided applications, apply #8800 at 2 gallons per 100 sq. ft to the substrate. Allow to dry, then install, roll and weight the membrane.

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

Shelf Life: Two years from the date of manufacture.

Viscosity	ASTM D 2196	1,000 cps
Solids by Weight	ASTM D 1644	60%
Solids by Volume	ASTM D 2697	58 %
Weight Per Gallon	ASTM D 1147	8.6 lbs.
Flash Point	ASTM D 56	NA
VOC	EPA 24	0 g/l

Container Sizes: 1, 5, 55, 275 gallon

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