



LUCAS Professional Coatings, Sealants & Adhesives

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#8700 HIGH STRENGTH PVC BONDING 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.

#8700 SPECIFICATION

PRODUCT DESCRIPTION

Lucas #8700 High Strength PVC Bonding Adhesive is a water based contact adhesive for securing PVC single-ply membranes to wood, metal, concrete and any type of roofing insulation. Fast drying with aggressive tack, #8700 bonds instantly without the risk of fire associated with flammable solvent based adhesives. VOC compliant in all of North America.

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

Lucas PVC Bonding Adhesive is manufactured from strong, elastic, plasticizer resistant polymer resin and special additives in a water vehicle. #8700 exhibits permanent surface tack.

Container Sizes: 1, 5, 55, 275 gallon

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 #8700 at the rate of one gallon per 100 square feet to the underside of the roof 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. #8700 may also be used to bond various types of roofing insulation together in tapered systems or to the roof deck.

TO THE EXTENT ALLOWED BY LOCAL LAW, EXCEPT AS SET FORTH BELOW, SELLER MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE WITH RESPECT TO THE GOODS HEREIN SOLD. THERE ARE NO OTHER WARRANTIES OF ANY KIND EXPRESS OR IMPLIED BEYOND THE TERMS SET FORTH ON THE FACE HEREOF. NO EMPLOYEE OR AGENT OF SELLER IS AUTHORIZED TO ALTER THE TERMS HEREOF.

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.

Seller warrants that this product shall be free of any defect in material or workmanship under normal use for a period of ONE YEAR from the date of purchase. This warranty does not extend to any defect or failure caused by misuse and/or incorrect application. LIMITATION OF LIABILITY: In the event of a defect or failure falling under this warranty, Buyers sole remedy shall be refund of the purchase price or replacement of the defective material, at Seller's option. Under no circumstances shall Seller be liable for any losses or damages caused by this product, whether direct, indirect, special, incidental or consequential damages, whether based on contract, tort (including negligence) or any other legal theory.

When installing fleece backed membranes, apply the adhesive to the roof deck only at the rate of one to 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. Set time will be longer than the contact method.

NOTE: Some or all of the foregoing may not apply or may be invalid under the laws applicable to Buyer's purchase or claim. Consult local law to determine the applicability of any of the foregoing in the event of any defect or failure of this product.

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

Shelf Life: Two years from the date of manufacture.

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