



LUCAS Professional Coatings, Sealants & Adhesives

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

#764 MOD-BIT CEMENT TROWEL GRADE – WET DRY

PRODUCT DESCRIPTION

Lucas #764 is designed as a cold process inter-ply adhesive for SBS modified bitumen single ply membranes. Cold process adhesives eliminate the need for hazardous torches and hot asphalt kettles. Lucas Modified Bitumen Adhesives are easy to apply with minimal equipment, effort, and cost.

Lucas #764 Mod-Bit Cement is manufactured from refined modified asphalts, a special solvent blend, and non-asbestos reinforcing fibers. The special solvents contained in this product help to create an extremely strong and durable bond between the substrate and the modified bitumen membrane. #764 Trowel Grade is designed for adhering SBS modified bitumen membranes to flashings and other vertical surfaces. Although it was designed as an adhesive, #764 can be used for flashing around vents, pipes, skylights and other roof penetrations as well as for patching high movement areas on SBS and asphalt built-up roofs.

APPLICATION

Lucas Mod-Bit Cement should only be applied to surfaces that are sound and clean. May be applied to wet surfaces only when used without an SBS membrane. Temperatures should be a minimum of 40° F and there should be no threat of rain. The adhesive may thicken in cold weather. To improve cold weather applicability store the adhesives in a warm place prior to use. Apply directly from the can; do not thin. The SBS modified bitumen sheets should preferably be cut into sections less than 20 ft. in length and allowed to relax and flatten out before being installed. All laps should be a minimum of 4 inches wide. All laps should be rolled with a weighted roller and end laps should be weighted to insure a proper bond. A bead of adhesive should be evident at all seams. The adhesive may be left open for a short time before the modified roll is imbedded to allow some of the solvent to evaporate and improve the initial bond. This time period will vary significantly with weather conditions. Equipment and foot traffic should not be permitted on the new roof until the adhesive has fully cured in order to prevent voids or blisters from forming at pressure points. Lucas #764 should be applied evenly at a rate of 2 - 4 gallons per 100 sq. ft. (1/32 to 1/16 of an inch thick), depending upon the absorbency of the substrate. It may be applied with either pointed or notched trowel. Excessive rates of application may damage the membrane and prolong curing time. Consult the modified bitumen manufacturer if more than one coat of adhesive is to be used in any roof system. Cure time will be between 24 and 48 hours. The strength of the adhesive will continue to increase beyond this initial bonding period.

Clean Up: Lucas #125 Safe Solve™.

Shelf Life: 2 years minimum.

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.

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

#764 SPECIFICATION

ASTM D 4586, Type I, Class II
ASTM D 3019 Type II

Viscosity	ASTM D 2196	750,000 cps
Solids by Weight	ASTM D 1644	76%
Solids by Volume	ASTM D 2697	69%
% Asphalt	ASTM D 6511	55%
Weight Per Gallon	ASTM D 1147	9.1 lbs.
Flash Point	ASTM D 56	103°F / 39°C
VOC	EPA 24	<250 g/l

Seasonal Grades: Summer, Mid Season, Winter. Above data is for Summer Grade

Container Sizes: 5 gallon

This product is Florida Building Code approved.



Colors: Black

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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.

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