



#500 RUBBERIZED ASPHALT WATERPOOFING MEMBRANE

#500 SPECIFICATION

ASTM D 1227 Type III, Class 2
 ASTM D 1187 Type II
 ASTM C 836
 IRC 406.1- 406.2
 IBC 1801.2 -1801.3

PRODUCT DESCRIPTION

#500 Rubberized Asphalt Waterproofing Membrane is used as a water-based rubberized asphalt protective coating for concrete and block foundations and walls or as a membrane between concrete slabs and wood decks that will have a topping slab. #500 may be applied to both vertical and horizontal surfaces. Low modulus and extremely high elongation allow bridging of non-structural foundation cracks and resistance to hydrostatic pressure. The excellent adhesion characteristics of #500 means it can be used without priming in most applications.

Lucas #500 Rubberized Asphalt Waterproofing Membrane is manufactured from refined asphalts, polymer modifiers and anionic surfactants. #500 has a brown appearance when wet but will dry to a near black color.

APPLICATION

Lucas #500 Rubberized Asphalt Waterproofing Membrane can be applied horizontally or vertically and should only be applied when temperatures are expected to remain above 20°F for the next 24 hours. Surface must be clean and free of cracks. Apply with suitable spray equipment, roller or brush at the rate of 3.75-4 gallons per 100 sq. ft. to obtain a minimum 40 mil dry film thickness as required by the International Residential Code. Spray and cold weather applications may require heating of the product to 110-140°F.

Protection board and drain tile is required to drain water away from the foundation wall.

Clean Up: Wet coating soap and water. Dry coating Lucas #125 Safe Solve™.

Shelf Life: 1 year minimum.

CAUTION: Avoid prolonged contact with or inhalation of fumes. 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	ASTM D 2196	40,000 cps
Solids by Weight	ASTM D 1644	64%
Solids by Volume	ASTM D 2697	65%
Weight Per Gallon	ASTM D 1147	9.0 lbs.
Wet Film Per Gallon	ASTM D4414	16 mils
Dry Film Per Gallon	SSPC-PA 2	10 mils
Elongation	ASTM D 412	>2000%
Adhesion	ASTM C 836	Pass
Vapor Permeance	ASTM E 96	< 1 perm
Crack Bridging	ASTM C 836	10 cycles Pass
Hydrostatic Head	ASTM D 5385	96" @ 40 mils
Mold Growth	ASTM D 3273	None
Bacterial Growth	ASTM D 3274	None
Flash Point	ASTM D 56	NA
VOC	EPA 24	<5 g/l

Container Sizes: 5, 55, 275 gallon

Colors: Black

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