



#4300 2 PART ASPHALT EXTENDED URETHANE WATERPOOFING MEMBRANE

PRODUCT DESCRIPTION

#4300 2 Part Asphalt Extended Waterproofing Membrane is a polyurethane protective coating for below grade concrete structures and retention vessels. High elongation allows bridging of non-structural foundation cracks and resistance to hydrostatic pressure. The Urethane backbone provides strength and elasticity to the asphalt while also enhancing chemical resistance. Lucas #4300 is suitable for use in sewage treatment facilities.

APPLICATION

#4300 2 Part Asphalt Extended Waterproofing Membrane may only be applied when temperatures are above 40°F. Surface must be clean. Mix the Part B into the Part A container with a ½ inch power drill and square paddle mixing blade. Mix for 2-3 minutes only. Working time is 30-45 minutes.

Apply with suitable spray equipment, roller or brush at the rate of 3.5 gallons per 100 sq. ft. to obtain a 40 mil dry film thickness as required by the International Building Code. Two passes may be required to achieve the full film thickness.

Protection board and drain tile is recommended to drain water away from the foundation wall. Please contact Lucas Technical Support for complete Lucas TPS4300 Waterproofing System guide specifications including installation instructions.

Lucas #4300 is also intended for use as a fast setting adhesive for modified asphalt roofing and waterproofing membranes. Apply at 1-2 gallons per 100 sq. ft.

Clean Up: Lucas #125 Safe Solve™.

Shelf Life: 1 year minimum.

WARNING! COMBUSTIBLE LIQUID AND VAPOR. Contains petroleum distillates and Isocyanates. 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.

#4300 SPECIFICATION

IRC 406.1- 406.2
IBC 1801.2 -1801.3

Viscosity	ASTM D 2196	10,000 cps
Solids by Weight	ASTM D 1644	84%
Solids by Volume	ASTM D 2697	82%
Weight Per Gallon	ASTM D 1147	7.8 lbs.
% Asphalt	ASTM D 6511	48%
Elongation	ASTM D 412	475 %
Tensile Strength	ASTM D 412	200 psi
Adhesion	ASTM C 836	Pass
Shore A Hardness	ASTM C 661	36
Vapor Permeance	ASTM E 96	< 1 perm
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	103°F / 39°C
VOC	EPA 24	149 g/l

Container Sizes: 825ml 2 Part Cartridge (10:1 Ratio),
5 Gallon kit (20:1 ratio)

Colors: Black

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