

M-2000 LIQUID FLASHING

TROWEL-GRADE SINGLE COMPONENT URETHANE MASTIC

DESCRIPTION

M-2000 Liquid Flashing is trowel-grade, cold-applied, single component urethane mastic used for detailing and termination applications with a variety of CETCO waterproofing membranes. M-2000 Liquid Flashing moisture cures to form a seamless, positively bonded elastomeric water barrier material. M-2000 Liquid Flashing contains no coal tar and conforms to the performance requirements of ASTM C 836-89a.

APPLICATIONS

M-2000 Liquid Flashing is an accessory waterproofing product designed for the following uses.:

- Fillet material at horizontal and vertical inside corners
- Flashing material around drains, mechanical and electrical penetrations, curbs and parapets
- Sealing material at membrane terminations
- Fillet material for small concrete surface substrate defects

Flashing material at inside corners M-2000 Liquid Flashing is formulated for use on structural concrete, masonry, wood and most metal surfaces. Do not use M-2000 on insulated concrete forming (IC F) systems but polystyrene foam may be installed over M-2000 after it has cured. M-2000 should not be applied to areas permanently exposed to sunlight or where it would be exposed to direct traffic conditions. Tile set in thin-set mortar is not recommended over M-2000. Use a cement-based mortar setting bed with a minimum thickness of 1-1/4" (30 mm) as recommended by the Ceramic Tile Institute.

INSTALLATION

Apply M-2000 Liquid Flashing with a trowel at a 90 mil (2.3 mm) thickness unless otherwise noted on details or as directed by manufacturer. M-2000 Liquid Flashing should be applied when ambient and surface temperatures are 25°F (-4°C) or above. Keep product above 40°F (4°C) before application.

All surfaces must be dry and free of dirt, dust, grease, rust, oil, curing agents or other contaminant's. Structural concrete surfaces should be cured a minimum of 7 days before application. Lightweight structural concrete should be cured a minimum of 14 days. Fine hair broom or equivalent finish provides best adhesion and minimizes waste. M-2000 Liquid Flashing will adhere to both primed and unprimed surfaces.

When used as 3/4" (20 mm) corner fillet under a waterproofing membrane, continue the M-2000 Liquid Flashing out 6" (150 mm) in each direction away from the corner fillet. At waterproofing membrane terminations, use as a flashing material by applying M-2000 a minimum 3" (75 mm) wide centered over the edge of the waterproofing membrane. M-2000 Liquid Flashing should be allowed to cure a minimum of four (4) hours prior to applying the waterproofing membrane over it. Allow at least a 24 hour cure time before flood testing.

PACKAGING

M-2000 Liquid Flashing is available in 5-gallon (18.9 liter) pails; 36 pails/pallet.

STORAGE AND CLEAN UP

Keep cans sealed at all times when not in use. Store at 60° to 80°F (16 to 27°C), in a dry storage area away from heat and flames. Clean tools with mineral spirits before mastic has cured. Mineral spirits is a combustible liquid and should only be used in accordance with the manufacturer's safety recommendations.

SAFETY

Workers should wear protective clothing and eye protection. Avoid eye and skin contact, particularly open cuts. In the event of contact, wash immediately. Do not ingest. If ingested, seek immediate medical care. Refer to MSDS for other warnings and product safety information.

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TECHNICAL DATA		
PROPERTY	TEST METHOD	TYPICAL VALUE
Color	ASTM C 836	Black
Solids	ASTM D 412	83% - 88%
Elongation	ASTM D 412	600% minimum
Tensile Strength ASTM D412	ASTM D 412	150 psi (1,034 kPa)
Dry Adhesion to Concrete	ASTM C 794	20 lbs./in. (3.5 kN/m)
Water Vapor Permeance	ASTM E 96 (method B)	0.09 perms
Shore "A" Hardness	ASTM D 2240	30
Low Temperature Brittleness	ASTM D 746	-40°F (-40°C)

COVERAGE RATE GUIDE	
USAGE	TYPICAL COVERAGE
3/4" (18 mm) inside corner fillet	27 lin. ft./gallon (2.1 m/l)
As a 90 mil thick flashing material	15 sq. ft./gallon (0.37 sq. m/l)
3/4" (20 mm) inside corner fillet with a 6" (150 mm), 90 mil (2.3 mm) thick extensions	9.5 lin. ft./gallon (0.76 m/l)

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