

WATERPROOFING

CCW LM-800XL

Description

CCW LM-800XL Liquid Mastic is a fast-drying elastomeric, single-component, cold-applied liquid mastic.

CCW LM-800XL is an accessory product used in conjunction with CCW Air and Vapor Barrier Membranes, CCW MiraDRI® 860/861 sheet waterproofing membrane and adhesive attachment of CCW R2+® polyiso insulation board. CCW LM-800XL is designed to be used as a fillet and reinforcement under CCW MiraDRI 860/861 membranes as footing foundation wall junctures or other inside corners. It can also be used between footing and foundations when tying in slab waterproofing with the foundation wall, pipes and penetrations, or to fill small voids in substrate under membrane.

Other applications include terminations and flashing to protrusions from horizontal and vertical surfaces, terminations at drains, and detailing of the substrate prior to CCW MiraDRI 860/861 membrane application. The CCW LM-800XL can also be used with the CCW-705 Air and Vapor Barrier and to adhere CCW R2+ polyiso insulation board over approved substrates.

Installation

CCW LM-800XL should be applied directly from the gallon with a putty knife at 40-50 mil thickness unless otherwise specified when used as a fillet. At membrane terminations, use 60 mils of CCW LM-800XL as a flashing and apply at the minimum of 2" (5 cm) wide over the CCW membrane, and a minimum of 1" (2.5 cm) onto the surface being waterproofed. CCW LM-800XL should be allowed to cure prior to the application of CCW MiraDRI 860/861. Allow CCW LM-800XL to cure 24 hours before flood testing. Do not use CCW LM-800XL in applications subject to more than 57.8 ft (17.6 m) head of water. Coverage Rate at 3/4" fillet is 30' per 29-oz. tube, coverage rate at 40-50 mil is 20-25 sq. ft. per gallon.

When using as an adhesive for R2+ polyiso insulation board, CCW LM-800XL is applied in 3/8" thick by 3" diameter dabs to the back of 4' x 8' R2+ polyiso in 4 rows with a minimum of 7 dabs per row. Space adhesive dabs evenly across the length of the board at no more than 16" on center. Space dabs in rows of no more than 16" on center and no more than 3" from board ends and edges. Alternatively, you may apply in 3/8" thick by 3" diameter dabs to the back of 16" x 8' or 24" x 8' R2+ polyiso in 2 rows with a minimum of 7 dabs per row. Space adhesive

dabs evenly across the length of the board at no more than 16" on center. Space dabs in rows of no more than 16" on center (12" on center for 16" wide R2+ polyiso) and no more than 3" from board ends and edges. Immediately place insulation boards against the wall surface before adhesive "skins". If adhesive "skins", remove and apply fresh material.

Limitations

CCW LM-800XL Liquid Membrane should not be used near open flame and adequate ventilation should be provided for the protection of the applicators.

Do not use in ambient and substrate temperatures below 25°F. Provide properly vented, supplementary heat during adhesive installation and drying period when temperatures less than 25°F prevail.

Thoroughly clean tools and equipment after the use of CCW LM-800XL with mineral spirits, taking the necessary precaution when handling combustible materials. Refer to MSDS for other product safety information.

Storage

Do not store CCW LM-800XL in direct sunlight. Store at temperatures between 40°F and 95°F. Improper storage could lead to product deterioration.

Packaging

5-gallon (19-liter) pails

29-oz. (822-kg) tubes, 12 per box

WATERPROOFING

CCW LM-800XL

Typical Properties

Property	Method	Unit	Typical Value
Color	—	—	Green
Solids	—	%	58
Pliability @ 25°F (-32°C)	ASTM E1970	lbs (kg)	Pass
Hydrostatic Head Resistance	ASTM D751	—	57.8 ft (17.6) max
Elongation	ASTM D412	%	1396
Peel Adhesion	ASTM D903	lbs/in (kN/m)	28 (4.9)
VOC Content	—	g/l	246.3

Limited Warranty

Carlisle Coatings & Waterproofing Incorporated (Carlisle) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any Carlisle materials prove to contain manufacturing defects that substantially affect their performance, Carlisle will, at its option, replace the materials or refund its purchase price. This limited warranty is the only warranty extended by Carlisle with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. Carlisle specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever. The dollar value of Carlisle's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the Carlisle material in question.