

ENVIROMASTIC

TROWEL-GRADE SINGLE COMPONENT URETHANE MASTIC

DESCRIPTION

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

APPLICATIONS

Enviromastic 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

Enviromastic is formulated for use on structural concrete, masonry, wood and most metal surfaces. Do not use Enviromastic on insulated concrete forming (ICF) systems but polystyrene foam may be installed over Enviromastic after it has cured.

PACKAGING

Enviromastic is available in 5-gallon (18.9 liter) pails; 36 pails/pallet.

INSTALLATION

Apply Enviromastic with a trowel at a 90 mil (2.3 mm) thickness unless otherwise noted on details or as directed by manufacturer. Enviromastic 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. Enviromastic will adhere to both primed and unprimed surfaces.

When used as 3/4" (20 mm) corner fillet under a waterproofing membrane, continue the Enviromastic out 6" (150 mm) in each direction away from the corner fillet. At waterproofing membrane terminations, use as a flashing material by applying Enviromastic a minimum 3" (75 mm) wide centered over the edge of the waterproofing membrane.

Enviromastic 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.

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. V.O.C. content equals 300 grams per liter. Refer to MSDS for other warnings and product safety information.

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 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)	0.14 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)

Product usage and coverage rate will vary as a result of site conditions and installation procedures. Actual usage rates will vary.

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(Supersedes All Previous Versions)

The information contained herein supersedes all previous versions published prior to February 2006, and is believed to be accurate and reliable. CETCO accepts no responsibility for the results obtained through application of this product. CETCO reserves the right to update information without notice.



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