



#1 CHOICE OF PROFESSIONALS®

CM100

Fast Curing, Elastomeric Fluid Waterproofing/Roofing Membrane

Physical Properties: Conforms to ASTM C 836, Miami-Dade NOA 09-0812-18

-Color	Brown	-Flash Point (open cup)	>450°F
-Solvent Content	0 %	-Maximum V.O.C.	< 40 grams/liter
-Solid Content	+97%	-Elongation(ASTM D412)	575%
-Rate of Application	<u>High Build</u> -Horizontal: 165 mils (4 mm) total fabric reinforced system -Vertical: 110 mils (2.6mm)	-Recovery (ASTM D412)	95%
	<u>Single Coat</u> Horizontal: 110 mils Vertical: 55 mils	-Shore 00 Hardness	Min 60
	Approx.	-Adhesion in peel after water immersion (ASTM C836)	Pass
-Coverage	30 ft ² / Gal at 55 mils 15 ft ² / Gal at 110 mils	-Water Vapor Permeance (ASTM E96) Procedure B	3 mm (125 mils) film 1.3 perms
-Min. Application temp.	35°F	-Low Temp. Crack Bridging Capability	No cracking No splitting No loss of adhesion
-Setting Time	@ 50% R.H. 72°F @ 60mils	-Flammability	Non-Flammable
Initial Set	1 Hours	Wet	
Set Through	3 Hours		
-Low Temperature Flexibility and Adhesion @ Minus 13°F	No cracking No loss of adhesion No delamination		

Description

Henry® CM100 is a fast curing, one component elastomeric, solvent free, moisture cure waterproofing compound designed to provide a seamless waterproofing membrane or a cold alternative to hot applied rubberized membrane systems. It is applied in a high build two-ply system or single ply application, which cures through reaction with airborne moisture to provide a heavy-duty "seamless" rubber-like, impervious membrane.

Features

- Solvent free, low VOC
- Can be applied to damp or green concrete
- Fast curing cold applied membrane
- Very low odors,
- Seamless rubberized asphalt membrane.
- Excellent adhesion to most construction surfaces such as concrete, stone, wood, cement and metal.
- Save for use in confined spaces or "hard to get at" applications.

Uses

Henry® CM100 may be used as a waterproofing and roofing membrane on horizontal or vertical surfaces. Ideal cold alternative to hot rubberized membranes applications for podium decks, plaza decks, tunnels, foundation walls, planters, shower pans and protected roof membrane assemblies.

Packaging

Henry® CM100 is packaged in 5 gallon pails

Limitations

Must be protected by appropriate overlay or protection course. Not intended for use as a permanently exposed surface, although it will tolerate foot and incidental, light, rubber-wheeled traffic when set. Shelf life of Henry® CM100 is 6 months in unopened containers when stored in dry conditions.

Preparation

Acceptable substrates are cast-in-place and precast concrete, gypsum board and plywood and OSB. Joints, cracks and expansion joints must be treated as per detailed Guide Specifications. Lightweight concrete is not an acceptable substrate. Concrete toppings and cast-in-place concrete on vented metal pan decks require fabric-reinforced systems (High Build). Henry® CM100 can be applied to green concrete. Allow a minimum of 24 hours for concrete substrate to dry after stopping water cure on decks or removing forms.

Surfaces to be treated should be reasonably smooth. Concrete should have wood float finish or similar. Rough surfaces tend to promote air entrapment in the compound during application, which might result in small blistering in the waterproofing membrane. Such surfaces also require use of more material. Before application of Henry® CM100, the substrate shall be clean, free from surface water, ice, snow or frost, dust, dirt, oil, grease, curing compounds or any other foreign matter detrimental to the adhesion of the membrane.

Application

Refer to Henry Henry® CM100 Guide Specifications and details for application information. For ease of application, condition materials at room temperature prior to application. Apply material with a trowel, roller or long-handle squeegee. Squeegee applications are preferred for horizontal decks.

Henry® CM100 can be applied in two systems types. High Build Reinforced Systems are used for critical below grade waterproofing or roofing such as plaza decks, podiums, roof terraces or IRMA roof applications. Single Coat Systems are used for general waterproofing such as foundation walls and planter boxes.

High Build Reinforced System:

High Build Fabric reinforced systems consist of two applications of Henry® CM100 reinforced with Polyfab polyester fabric. Use of 990-25 flashing sheets as required for exposed or movement joints.

-Horizontal application: Pour Henry® CM100 on surface to be covered and spread to an even thickness using rubber squeegees or rollers. Apply base layer application at minimum thickness of 55 mils; embed polyester fabric immediately overlapping a maximum of 1/4" ensuring full contact. Let base layer coat set and then apply top layer coat at a minimum of 110 mils thickness. Cover with Filter Fabric GR08 protection course or other approved separation layer.

-Vertical application: Spread Henry® CM100 to an even thickness using a trowel or roller. Apply base layer application at minimum thickness of 55 mils; embed polyester fabric or flashing sheet ensuring full contact. Bond overlaps of flashing sheet with Henry® CM100. Let base layer coat set and then apply top layer coat at a minimum of 55 mils thickness.

Single Coat System:

Single coat systems consist of one application of Henry® CM100. Reinforcement with Polyfab or 990-25 flashing sheets as required for joint detailing.

-Horizontal application: Pour Henry® CM100 on surface to be covered and spread to an even thickness using rubber squeegees or rollers. Apply at minimum thickness of 110 mils and cover with Filter Fabric GR08 protection course.

-Vertical application: Spread Henry® CM100 to an even thickness using a trowel or roller. Apply at minimum thickness of 55 mils.

Protection

Both horizontal and vertical areas should be adequately protected from puncture where there is any danger of damage to the membrane during construction or backfilling. The form of protection will vary with job conditions and vertical or horizontal applications. Henry Drain Board or Filter Fabric GR08 protection course should be used as protection. Contact Henry Technical Services if used under hot mix paving.

Clean Up

Use waterless hand cleaner for skin. Use mineral spirits or methyl soyate for equipment or construction surfaces.

Caution

DO NOT THIN. Do not heat container or store at temperatures greater than 100°F. **MAY BE HARMFUL IF SWALLOWED!** If swallowed, do not induce vomiting. CALL PHYSICIAN IMMEDIATELY! Use protective measures to avoid contact with eyes and skin. In case of eye contact, open eyelids wide and flush immediately with plenty of water for at least 15 minutes. GET MEDICAL ATTENTION! **KEEP OUT OF REACH OF CHILDREN.**

Limited Warranty

We, the manufacturer, warranty only that this product is free of defects, since many factors which affect the results obtained from this product - such as weather, workmanship, equipment utilized and prior condition of the substrate - are all beyond our control. We will replace at no charge any product proved to be defective within 12 months of purchase, provided it has been applied in accordance with our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided. **DISCLAIMER OF WARRANTIES:** The Limited Warranty is IN LIEU OF any other warranties express or implied including but not limited to any implied warranty of MERCHANTABILITY or fitness for a particular purpose, and we, the manufacturer, shall have no further liability of any kind including liability for consequential or incidental damages resulting from any defects or any delays caused by replacement or otherwise. <>