



# Henry<sup>®</sup> CM100

Fast Curing, Elastomeric  
Fluid Waterproofing/Roofing Membrane

**Physical Properties:** Conforms to ASTM C836 , CAN/CGSB 37.58

-Color	Brown	-Flash Point (open cup)	>232°C (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 (2.6mm) Vertical: 55 mils (1.3mm)	-Shore 00 Hardness	Min 60
		-Adhesion in peel after water immersion (ASTM C836)	Pass
-Coverage	Approx. 0.75 m <sup>2</sup> /l (30 ft <sup>2</sup> / US Gal) at 55 mils 0.37 m <sup>2</sup> /l (15 ft <sup>2</sup> / US Gal) at 110 mils	-Water Vapor Permeance (ASTM E96) Procedure B	3 mm (125 mils) film 70 ng/ Pa m <sup>2</sup> sec (1.3 perms)
-Min. Application temp.	3°C (35°F)	-Low Temp. Crack Bridging Capability	No cracking No splitting No loss of adhesion
-Setting Time	@ 50% R.H. 72°F @ 60mils	-Flammability	Wet Non-Flammable
Initial Set	1 Hours		
Set Through	3 Hours		
-Low Temperature Flexibility and Adhesion @ Minus 13°F	No cracking No loss of adhesion No delamination		

## Description

**Henry<sup>®</sup> CM100** is a fast curing, one component elastomeric, solvent free, moisture cure waterproofing compound designed to provide a cold alternative to hot applied rubberized membrane systems or replace conventional hot mop felt ply and/or pre-formed sheeting 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
- 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<sup>®</sup> 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, and protected roof membrane assemblies.

## Packaging

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Henry® CM100 is packaged in 18.93L (5 gallon) pails.

## Limitations

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Must be protected by appropriate overlay. Not intended for use as a permanently exposed surface, although it will tolerate foot and incidental, light, rubber-wheeled traffic when set. of Henry® CM100 may not be compatible with various asphaltic product. Consult Henry prior to using in combination with other products. Shelf life of Henry® CM100 is 6 months in unopened containers when stored in dry conditions.

## Preparation

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Acceptable substrates are cast-in-place and precast concrete, gypsum board and plywood. 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

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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 or roller applications are preferred.

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 Polyester Fabric complete with 990-25 flashing sheets as required.

-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 (1.3mm); embed polyester fabric immediately overlapping a maximum of 6mm (1/4") ensuring full contact. Let base layer coat set and then apply top layer coat at a minimum of 110 mils (2.6mm) thickness. Cover with appropriate protection course such as Filter Fabric GR08 or 990-31 protection board.

-Vertical application: Spread Henry® CM100 to an even thickness using a trowel or roller. Apply base layer application at minimum thickness of 55 mils (1.3mm); 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 (1.3mm) thickness.

### Single Coat System:

Single coat systems consist of one application of Henry® CM100 complete with 990-25 flashing sheets as required.

-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 appropriate protection course such as Filter Fabric GR08 or 990-31 protection board.

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

## Protection

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Both horizontal and vertical areas should be adequately protected from puncture where there is any danger of damage occurring to the membrane during construction and the form of protection will vary with job conditions. Bakor/Henry Drain Board, Filter Fabric GR08 or 990-31 Protection should be used as protection. Work only off boards or sheets previously placed.

### Clean Up

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Use mineral spirits or methyl soyate

### Caution

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DO NOT THIN. Do not heat container or store at temperatures greater than 38°C (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

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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. <>