



Henry[®] 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) <u>Single Coat</u> Horizontal: 110 mils (2.6mm) Vertical: 55 mils (1.3mm)	-Recovery (ASTM D412)	95%
		-Shore 00 Hardness	Min 60
		-Adhesion in peel after water immersion (ASTM C836)	Pass
-Coverage	Approx. 0.75 m ² /l (30 ft ² / US Gal) at 55 mils 0.37 m ² /l (15 ft ² / US Gal) at 110 mils	-Water Vapor Permeance (ASTM E96) Procedure B	3 mm (125 mils) film 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		
Initial Set	1 Hours		
Set Through	3 Hours		
-Low Temperature Flexibility and Adhesion @ Minus 13°F	No cracking No loss of adhesion No delamination	-Flammability Wet	Non-Flammable

Description

Henry[®] 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[®] 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

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

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Limitations

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. 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. 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 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

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

Use mineral spirits or methyl soyate

Caution

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

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. <>