

# CP (CPM) Membrane

## เมมเบรน ชนิดกาวในตัว

Description is a cold applied , elastomeric CPM modified bituminous water proofing membranes, reinforced with a non woven polyester mat with PE finish. Under side surface is the high quality easity removable release paper, which protects the adhesive side of the membrane during storage. A selvage provides excellent adhesion at overlaps and ensures the continuity of the waterproofing membrane system.

### **Area of Application**

- Roof slab
- Planter Boxes and Landscape Decks
- Basement and below ground Structure
- Viaducts and tanks pools
- Tunnel and bridge decks

### **Features & Benefits**

- Cold applied, safety application
- Excellence adhesion to primed concrete substrates
- Easy to applied, Fast application
- Ensure uniform thickness of waterproofing membrane, avoids the “thin spots”
- CPM rubberized compounded is self-protected and self sealing to minor punture

### **Packing**

CP-Membrane     1.5 mm.- 1 m. × 20 m. Per Roll

## Method of Application

- **Surface Preparation**

Concrete substrate where the membranes are to be applied should be free from voids, dirt, grease, loose or coarse aggregates, and sharp protrusions. New concrete shall be water cured, wood float finished, and be a minimum of 21 days old.

- **2.PRIMER**

Porous substrate such as concrete or brick should then be treated with CP (CPM) Membrane at coverage rate of 0.15 - 0.25 ltr/m<sup>2</sup> depending on porosity and allow to dry before application. Metal surfaces do not require any priming.

- **CLEANING**

Tools and equipments should be cleaned after application.

## Technical Information

Properties	Specification/Standard	Results
Roll Size		1 m × 20 m
Thickness		1.5 mm.
Tensile Strength (Film)	ASTM D882	200 ksc
Tensile Strength (Composite)	ASTM D412	M.D - 14 ksc
	ASTM D412	C.D - 12 ksc

Reinforcement		Polyester mat
Adhesion to primed concrete	ASTM D-1000	> 3.0 N/mm <sup>2</sup>
Adhesion to Self	ASTM D-1000	> 2.0 N/mm <sup>2</sup>
Water Vapour Transmission	ASTM E-96	< 0.5 g/24 hr/m <sup>2</sup>
Elongation of Compound	ASTM D-412	>2000%, 300% Min
Puncher Resistance	ASTM E-154	Min 400 N
Water absorption	ASTM D-570	<0.02%

## **Precautions & Limitations**

CP (CPM) Membrane is not resistant to direct sunlight

## **Shelf life & Storage**

One year minimum when stored as recommended. Store out of direct sunlight and in cool dry conditions for best result

## **Instruction for Use**

- The surfaces should be dry, clean, and free from loose materials, other contamination as well as free from oils and fats. Installation is recommend between 10°C and 40°C
- The application of CP (CPM) Membrane apply on the primed base should be carried out within 1-2 Hr. to ensure an efficient adhesion of subsequent coatings to the underlying bases
- CP (CPM) Membrane shall lain by peeling back the protective release paper and applying the adhesive face on to the prepare surface. The material should be brushed on to the surface to ensure good initial bond.
- The adjacent rolls are aligned and overlapped 6.5 mm. minimum at side and ends and well rolled with a firm pressure complete adhesion and continuity between layers.

## **Advantage**

- CP (CMP) Membrane is extremely tough.
- CP (CMP) Membrane have very long life.
- CP (CMP) Membrane have uniform thickness.
- CP (CMP) Membrane have high flexibility and adhesion.
- CP (CMP) Membrane have low vapor transmission ratter.
- CP (CMP) Membrane have high puncture resistance.
- CP (CMP) Membrane is cold applied.

## **Health & Safely Precautions**

- Wear glove during application. General no health hazards associated with the use of CP (CMP) Membrane
- CP (CMP) Membrane is a solvents base primer, that flammable, and recommends using in ventilated areas and keeping away from ignition source

## **Other product Categories available**

- Waterproofing
- Repairing System
- Admixtures & Concrete Production
- Coating & Paints
- Tiling Fixing & Construction Adhesive
- Grout & Anchors