

# CP Membrane CP (C/M)

## WATERPROOFING MEMBRANES TECHNICAL DATA SHEETS

An elasto-plastomeric (C/M) modified membrane having an isotropic non-woven reinforced polyester carrier. CP (C/M) Membrane extra is available with various upper surface finishes: mineral slate chip in various colours or “plain” versions with torch PE film, fine sand or talc finish. The lower surface is normally supplied with a torch polypropylene film.

### TECHNICAL SPECIFICATION

#### BITUMINOUS COMPOUND AND CARRIER

The bituminous compound is a special formula of distilled bitumen, filler and elasto-platomeric polymers which are carefully selected for their compatibility as well as their stability in various temperature ranges. The quality of the compound is such that it is ideally suited for use in all climatic conditions and enables the product to be readily formulated for:

- a) Winter or summer grades
- b) Ease of application

The high-grade non-woven polyester carrier used gives the finished product excellent characteristics such as being completely rot-proof, being isotropic and having extremely good tensile strength, elongation and puncture resistance.

#### FIELDS OF APPLICATION

CP (C/M) Membrane can be used a base sheet in a multi-layer in conjunction with glass fiber reinforced, composite, or polyester reinforced cap sheets or intermediate layers, CP (C/M) Membrane mineral can also be used as a cap sheet in a multilayer system in conjunction with glass fibre reinforced, composite, or polyester reinforced membranes. CP (C/M) Membrane is particularly suitable for use on the following applications:



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CHARACTERISTICS	TEST METHOD	UNIT	Asia (M/F) Membrane mineral
Thickness	UNI EN 1849-1	mm	3-4 (on mineral)
Roll length	UNI EN 1849-1	m	10
Roll width	UNI EN 1849-1	m	1
Tensile strength	UNI EN 12311-1	N/5 cm	L 850
			T 650
Dimensional stability	UNI EN 1107-1(A)	%	L -0,3
			T +0,3
Ultimate elongation	UNI EN 12311-1	%	L 40
			T 40
Resistance to tearing (nail shank)	UNI EN 12310-1	N	L 170
			T 170
Joint strength	UNI EN 12317-1	N/5 CM	750/550
Cold flexibility	UNI EN 1109	° C	-5
Flow resistance at elevated temperature	UNI EN 1110	° C	150
Resistance to static loading	UNI EN 12730-1	kg	20
Resistance to impact	UNI EN 12691	mm	1250
Watertightness	UNI EN 1928	kp	≥60

### Prefabricated concrete structures-concrete and brick structures-under floor areas-foundations

Disclaimer. No representation or warranty is made by CP.CONPRO as to the suitability or fitness of the goods for any particular purpose. It shall therefor be the sole responsibility of the purchaser to establish the suitability of the products for any given application.