

# SCG 300 Waterproofing membrane

Polymer modified membrane with non woven polyester reinforcement

## INTRODUCTION

SCG 300 is a uniquely formulated prefabricated waterproofing membrane with a special multilayered design for superior pliability, tensile strength, work ability and resistance to elements.

The multilayered design consists of a polyester core coated on both sides with modified bitumen. The polyester core gives the membrane high tensile strength. Properly installed, SCG 300 forms an impervious, permanently flexible waterproof blanket which accepts normal structural movement without breaking or cracking.

## USES

SCG 300 membranes are ideal for a wide range of waterproofing applications, including reservoirs, basements, tunnels, roof and car parks.

SCG 300 may be utilized in exposed and covered applications.

## OUTSTANDING FEATURES

- \* Total impermeability
- \* Excellent resistance to aging and weathering.
- \* Outstanding bond ability and seam integrity.
- \* Stability at high temperatures.
- \* Very high resistance to impact and puncture.
- \* Simple, single-layer installation reduces labour and errors.
- \* Variety of finishes for exposed and covered application.

## GENERAL DATA

SCG 300 is a resin modified bitumen membrane with a non woven polyester reinforcement, black finish with a very thin polyethylene foil both sides.

Nominal weight 3,4 or 5 kg/m<sup>2</sup>

Nominal thickness 3,4 or 5 mm

Nominal roll size 1 x 10 mt



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## TECHNICAL DATA

<i>Property</i>	<i>Result</i>	<i>Test Method</i>
1. Softening point	150 Deg.C.	ASTM D36
2. Penetration, 25 Deg.C.	25 dmm	ASTM D5
3. Cold flexibility	-5 Deg.C.	UNI EN 1109
4. Tensile Strength : Longitudinal Transversal	500 N/5cm 400 N/5cm	UNI EN 12311-1
5. Elongation Longitudinal Transversal	35% 40%	UNI EN 12311-1
6. Tear resistance Longitudinal Transverse	120 N 120 N	UNI EN 12310-1
7. Puncture resistance : Static indentation Dynamic indentation	L3 L3	UEAtc
8. Heat resistance 110 Deg.C. 2 Hrs	No flow	UEAtc
9. Load strain product : Longitudinal Transverse	52.300 37.500	CGSB-37-GP- 56M
10. Lap joint strength Longitudinal, N/5 cm Transverse	Stronger than the membrane > 1050 Stronger than the membrane > 720	UEAtc E 96, Procedure CGSB-37-GP-56M
11. Water Vapor Transmission 9/m/2/24 Hr	Nil	ASTM E 96, Procedure E37.8 C & 90% RH.
12. Resistance to Leakage at joints	Pass	UEAtc
13. Resistance to hydrostatic pressure (Water head pressure 250 ft)	Absolutely Impermeable	DIN 1048
14. Resistance to ageing & UV (Weather -O-Meter (*Equals 10 years exposure to the element)	No change after 2000 Hr	ASTM G53

Please contact us for further information :



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