

A torch-on waterproofing membrane for single or multi-layer applications on flat or sloped roofs and retaining walls to provide protection against ascending moisture. The compound used in VISCOGUM membranes contains distilled bitumen, polypropylene polymers (APP) and stabilizing aggregates and is the result of many years of research to obtain the best performance for specific roofing applications. The use of reinforcement in non-woven polyester stabilised with glass fibres threads gives VISCOGUM good dimensional stability

and excellent mechanical properties in this class of pre-fabricated waterproofing torch-on membranes for standard applications.

Top finish in silica sand, PE film, non-woven polypropylene or self-protecting natural or coloured slate chips disseminated uniformly and firmly anchored. 3 – 4 mm versions with embossed finishes; both finishes with torch off polyethylene sheets 10 cms overlap to each roll. Product pluses: guaranteed by more than 10 years in the field; low cost high performance, wide product range.

TECHNICAL DATA	U/m	3 - 4 mm	4 - 4,5 - 5 Kg	4 mm on chips
VISCOGUM				
Top finish / Bottom finish	-	Sand/PE film PE film both sides	Mineral chips PE film	Mineral chips PE film
Roll length (EN 1848-1)	M	10	10	10
Roll width (EN 1848-1)	M	1	1	1
Thickness (EN 1849-1)	mm	3 - 4	-	4 on chips
Mass per unit area (EN 1849-1)	kg/m ²	-	4 - 4,5 - 5	-
Type of carrier		Polyester	Polyester	SP Polyester
Ultimate tensile resistance and elongation at break (EN 12311-1)				
- longitudinal resistance at break	N/5cm	500	500	600
- longitudinal elongation at break	%	35	35	40
- transverse resistance at break	N/5cm	400	400	500
- transverse elongation at break	%	35	35	40
Tearing resistance (EN 12310-1)				
- longitudinal resistance at break	N	130	130	150
- transverse resistance at break	N	130	130	150
Static indentation (EN 12730-1)				
- asbestos-cement slab	Kg	15	15	25
- 30 Kg/cu.m. polystyrene slab	Kg	15	15	25
Dynamic impact (EN 12691-1)				
- asbestos-cement slab	mm/10 Ø	900	900	900
- 30 Kg/cu.m. polystyrene slab	mm/10 Ø	900	900	900
Resistance to hydrostatic pressure (DIN 1048)	M	70 (> 7 bar)	70 (> 7 bar)	70 (> 7 bar)
Flexibility at low temperatures (EN 1109)	°C	0	0	0
Shape stability to heat (EN 1110)	°C	100	100	100
Dimensional stability at high temperature (EN 1107-1)	%	≤ ±0,3	≤ ±0,3	≤ ±0,2
Water impermeability (EN 1928 - method A)	KPa	60	60	60
Water vapour permeability (EN 1931)				
- resistance factor	μ	80.000	80.000	80.000
Adhesion strength membrane fully bonded to a concrete deck with primer (EN 8202)	Kg/cm ³	1,10	1,10	1,10
Packaging	m ² /pallet	300 - 230	300 - 250 - 230	230

Manufactured according to CASALI Quality System ISO 9001 and CE 0120 standards

All tolerances follow EN 13969 & EN 13707 indications.

Casali spa reserves the right to modify the data shown on this technical sheet without prior notice. Casali's Technical Office is at your complete disposal to provide assistance and information on the correct use of its products – tel. +39 0719162095 – www.casaligroup.it



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