

VISCOGUM

APP



PROJECT SPECIFICATIONS: modified bitumen APP membrane particularly suitable for multi-layer solutions in cement, metal or wooden structures, with or without thermal insulation. The versions with HSP polyester are specifically used in applications that require particular mechanical properties (foundations, retaining walls and heavy under-slabs etc.).

REINFORCEMENTS: a wide range of stabilised polyester TNT reinforcements with different mechanical properties in order to meet the design requirements of different technical solutions. Also available with fibre glass reinforcement.

FINISHES: polyethylene film, sand, mineral self-protection in different colours.

PLUS: thanks to the excellent performance of the compound at high temperatures even after ageing, VISCOGUM has been used very successfully for more than 25 years in countries with very hot climates such as those in the following geographical areas: Africa, Middle East, South-East Asia and South America. The wide range of Viscogum products makes it possible to design and customise the most common technical solutions.



VISCOGUM	STANDARD	U.M.	VISCOGUM 2 mm - 3 mm 4 mm	VISCOGUM 3 kg - 4 kg - 4,5 kg	VISCOGUM 3 mm - 4 mm	VISCOGUM 3 mm - 4 mm	VISCOGUM 4 mm	VISCOGUM 4 kg - 4,5 kg 5 kg	VISCOGUM 4 kg - 4,5 kg 5 kg	VISCOGUM 4 mm
Finishing	-	-	PBS	SAND/PBS	SAND/PBS	SAND/PBS	SAND/PBS	MINERAL	MINERAL	MINERAL
Reinforcement type	-	-	GLASS FIBRE	POL	POL	SP POL	HSP POL	POL	SP POL	HSP POL
Thickness	EN 1849 - 1	mm	2 / 3 / 4	-	3 / 4	3 / 4	4	-	-	4*
Weight	EN 1849 - 1	kg	-	3 / 4 / 4,5	-	-	-	4 / 4,5 / 5	4 / 4,5 / 5	-
Maximum Tensile Force LONGITUDINAL / TRASVERSAL	EN 12311-1	N/5cm	350 / 190	400 / 300	500 / 400	600 / 500	850 / 650	400 / 300	600 / 500	850 / 650
Elongation at break LONGITUDINAL / TRASVERSAL	EN 12311-1	%	>2 / >2	35 / 35	35 / 35	40 / 40	40 / 40	35 / 35	40 / 40	40 / 40
Tearing resistance LONGITUDINAL / TRASVERSAL	EN 12310 -1	N	60 / 70	130 / 130	130 / 130	150 / 150	170 / 170	130 / 130	150 / 150	170 / 170
Flow Resistance at Elevated temperature	EN 1110	°C	130	130	130	130	130	130	130	130
Flexibility at low temperatures	EN 1109	°C	0	0	0	0	0	0	0	0
Dimensional stability	EN 1107-1	%	-	±0,3%	±0,3%	±0,3%	±0,2%	±0,3%	±0,3%	±0,2%
Thermal ageing in air Variation of flow resistance at elevated temperature	EN 1296 EN 1110	Δ°C	10	10	10	10	10	10	10	10
Softening point (ring & ball test)	EN 12316-1	°C	>150	>150	>150	>150	>150	>150	>150	>150

* THICKNESS MEASURED INCLUDING MINERAL FINISHING

Reinforcement - POL: standard performance stabilized non woven polyester / **SP POL:** medium performance stabilized non woven polyester / **HSP POL:** high performance stabilized non woven polyester / **GS POL:** special performance stabilized non woven polyester for great structure / **GLASS FIBRE:** fibre glass mat reinforced with threads / **ALL + POL:** aluminium foil coupled with non woven polyester - **Finishing - MINERAL:** slated / **SAND:** sanded / **PBS:** Polyethylene on both sides.

Slated Self Protection available for Viscogum
Other finishing, on request. For finishing details refer to pg. 34

