



VAPOREX

vapour barrier

APP

Rn
barrier



PROJECT SPECIFICATIONS: Vapour Barrier for all those solutions with thermal insulation that cannot come into contact with humidity or in environments with high relative humidity levels such as swimming pools, drying chambers, industrial laundries etc., **Radon Gas Barrier** for the 4 mm Vaporex AL certified version, **Electromagnetic Wave Shield**.

REINFORCEMENTS: aluminium foil coupled with stabilised polyester.

FINISHES: polyethylene film.

PLUS: Excellent protection of the roofing system insulated against moisture seepage thanks to temperature and humidity regulation, perfect seal against Radon Gas.

NOTES: In case of insulated roofing, Vaporex must be used together with the humidity regulation membrane Gruver, installing also breather vents depending on the project specs.



VAPOREX	STANDARD	U.M.	VAPOREX AL 3 kg - 4 kg	VAPOREX AL 4 mm
Finishing	-	-	PBS	PBS
Reinforcement type	-	-	AL + POL	AL + POL
Thickness / Weight	EN 1849 - 1	mm	-	4
Weight	EN 1849 - 1	kg	3 / 4	-
Maximum Tensile Force LONGITUDINAL / TRASVERSAL	EN 12311-1	N/5cm	450 / 200	450 / 200
Elongation at break LONGITUDINAL / TRASVERSAL	EN 12311-1	%	15 / 15	15 / 15
Tearing resistance LONGITUDINAL / TRASVERSAL	EN 12310 -1	N	120 / 120	120 / 120
Flow resistance at elevated temperature	EN 1110	°C	-	-
Flexibility at low temperatures	EN 1109	°C	-5	-10
Dimensional stability	EN 1107-1	%	±0,3%	±0,3%
Permeability to vapour Resistance factor	EN 13948	μ	1.000.000	1.000.000

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.