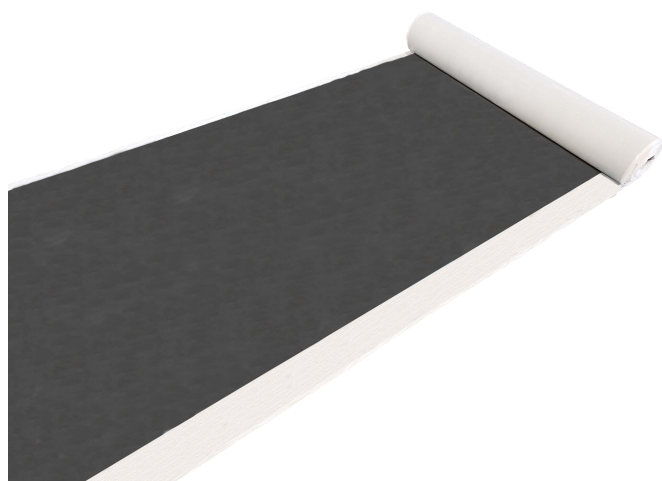


## MILLENium VAPOUR PROTECTOR



The Millenium Vapour Protector Membrane is made of SBS modified bitumen with a non-woven glass fiber mat. It is specially designed to be installed before the installation of thermal insulation and the roofing membrane.

### RECOMMENDED USE

The Millenium Vapour Protector is a peel and stick membrane with sanded surface, it can be integrated in most commercial and industrial roofing systems. Its non-slip top face allows a great adhesion of the insulation that must be bonded with hot bitumen or adhesive.

### APPLICATION

When installed with adhesive for self-adhering roofing membrane, this vapour barrier adheres strongly to steel decks, wood decks, gypsum, concrete and oxidized asphalt panels. It can also be used as an underlayment under metal counter flashing.

### DIMENSION AND PACKAGING

Dimension	Surface	Thickness	Weight	Quantity / pallet
0,914 m x 24,4 m	22,3 m <sup>2</sup>	1,35 mm	41 kg	30
[36" x 80']	240 pi <sup>2</sup>	53,1 mils	91,4 lbs.	

### INSTALLATION

**Preparation:** Surface must be dry and free of dust, dirt, loose nails or screws, debris and other roughness. Apply one coat of primer at a rate of 0.25 L/m<sup>2</sup> to 0.5 L/m<sup>2</sup> depending on the porosity of the substrate and allow to dry for 15 to 60 minutes depending on weather conditions. Align the first roll starting from the bottom of the slope, then slowly remove the protective film on the back. Be careful when working with the adhesive side of the underlay so as not to let it stick to itself or to other surfaces. **Overlap:** Overlaps should be in the direction of water flow. Use the 75 mm (3 inches) strip for horizontal overlaps and a minimum of 150 mm (6 inches) for vertical overlaps. Use a utility knife with a straight blade or scissors to cut. Sweep the surface of the membrane with a broom and use a roller on the overlaps to ensure good adhesion.

## Vapour barrier | Millenium

### PHYSICAL PROPERTIES

Properties	Method	Data/Result	Standard
Water Vapour Permeance	ASTM E96	< 5,7 ng/Pa-s-m <sup>2</sup>	ASTM D1970
Tensile strength (MD / CD)	ASTM 2523	> 4,4 kN/m	ASTM D1970
Tear strength (MD / CD)	ASTM 4073	> 89 N	ASTM D1970
Thermal Resistance (Flow at 70°C)	ASTM D1204	< 3 mm	ASTM D1970
Cold Flex	ASTM D1970	> -29 °C	ASTM D1970
Self-sealing around nails and screws	ASTM D1970	Passed	ASTM D1970
Minimum Application Temperature		-10 °C	N/A

### WARNING

The Millenium Vapour Protector Membrane should not be considered as a temporary waterproofing membrane during the repair or construction of a roof. The contractor must make sure to complete his roofing system up to the roofing membrane after the installation of the vapour barrier.

### HEALTH AND SAFETY ON FLAT AND PITCHED ROOFS

ENSURE THAT SAFETY CODES AND REGULATIONS FOR ROOFING WORK ARE FOLLOWED. BE CAREFUL WHEN WALKING OR STANDING ON THE MILLENium MEMBRANE. THE ANTI-SLIP PROPERTIES MAY VARY DEPENDING ON HUMIDITY, DUST OR WINTER CONDITIONS. ALWAYS WORK WITH YOUR PERSONAL PROTECTIVE EQUIPMENT AND FALL ARREST PROTECTION.