

MONARPERM[®]

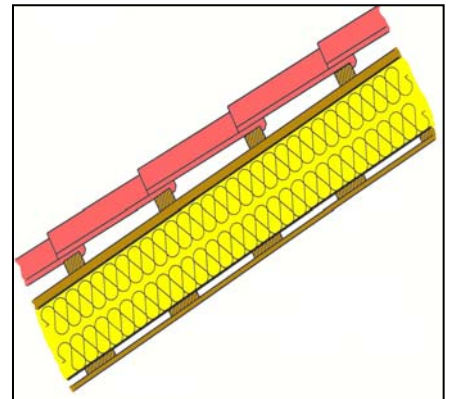
Breather Membranes

The new range of **MONARPERM[®]** Breather Membranes consists of 3 high quality products for different purposes each of them optimized to solve the issues of high vapour transmission in roofing.

A fine material composition secures a continuous vapour transmission from the insulation without compromising the water tightness. The membrane protects the insulation from rain and snow and keeps it dry and thereby increases its durability.

The **MONARPERM[®]** products are individually wrapped in a tight and recognizable wrapping.

The **MONARPERM[®]** products can be used for virtually any type of tiled roof and furthermore be specified and used with confidence for new-build or re-roofing.



<i>Technical data</i>	MONARPERM[®] 500	MONARPERM[®] 700	MONARPERM[®] 800
Material	3 layers of PP	3 layers of PP	2 layer product Polymer coating on PET non-woven
WVTR	960 g/m ² – 24 hours	960 g/m ² – 24 hours	665 g/m ² – 24 hours
Sd. Value	~0,04 m	~0,04 m	≤ 0,06 m
Tensile strength			
• Machine direction	235 N/5cm	265 N/5cm	250 N/5cm
• Transverse direction	120 N/5cm	170 N/5cm	200 N/5cm
Feature	UV/IR-heat protection (3 months)	UV/IR-heat protection (3 months)	UV/IR-heat protection (6 months)
Thermal stability	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C
Roll size	1,50 x 50,00 m	1,50 x 50,00 m	1,50 x 50,00 m, 1,35 x 50,00 m, 1,10 x 50,00 m
Weight	~120 g/m ²	~140 g/m ²	~220 g/m ²
Roll weight	~9 kg	~10,5 kg	~16,5 kg (1,50 x 50 m)
Colour	blue/white	blue/grey	blue/white

The **MONARPERM[®]** products are all lightweight and therefore very easy to handle when installing. The composition of materials gives additional durability and tear resistance during and after installation.