


MONARFLEX® Reflex Super

Application:

The MONARFLEX® Reflex Super membrane is a gas and moisture barrier to be used over the foundation of houses and buildings.

Properties:

The MONARFLEX® Reflex Super membrane is a six layer gas and moisture barrier.

Product data				
Top layer	100 micron clear LDPE layer			
Reinforcement	12x12 mm Polyester multifilament 1670 dtex			
Coater layer	100 micron clear LDPE layer			
Aluminium	12 micron Aluminium layer			
Coaterlayer	50 micron of clear LDPE layer			
Bottom side	150 micron sand LDPE layer			
Colour	Silver/Sand			
Weight	440 g/m ² +/- 5%			
Application	150 mm overlapping and Monarflex extrusion welding is recommended			
Technical data	Unit	Value	Tolerance	Test method
Length	m	25 & 50	+1% -0%	EN 1848-2
Width	m	2,00	+/- 2%	EN 1848-2
Thickness	mm	0,400	+/- 10%	EN 1849-2
Tensile strength	N/50mm	MD: > 700		EN 12311-1
		CD: > 500		
Elongation	%	> 15		EN 12311-1
Radon transmittance	10 ⁻⁹ m/s	< 3		SP internal test
Methane gas transmission	cm ³ /hm ² atm	< 0,005		
Moisture vapour transmission	g/m ² /24hr	< 0,03		EN 12572 Climate C
Water vapour transmission	MNs/g	> 4100		EN 12572 Climate C
Resistance to tearing	N	MD: >400		EN12310-1
		CD: >375		
Resistance to static loading	kg	> 20		EN12730
Water tightness to liquid water	kPa	Pass at 2 kPa		EN1928
Durability of water tightness against ageing	kPa	Pass at 2kPa		EN 1296
Durability of water tightness against chemicals	kPa	Pass at 2 kPa		EN 1847
Classification	Moisture Barrier Type A – EN 13967			
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