


Application:

The MONARFLEX® 2000 Gauge DPM membrane is a moisture membrane to be used over the foundation of houses and buildings to avoid moisture entrance into the building.

Properties:

The MONARFLEX® 2000 Gauge DPM is designed as a three layer moisture barrier film. Top and bottom layers have an anti slip surface.

Product data	MONARFLEX® 2000 Gauge DPM			
Composition: Top side Middle layer Bottom side	LDPE with stabilizers LDPE with stabilizers LDPE with stabilizers			
Colour	Black			
Application	150 mm overlapping and sealed with double-sided butyl tape			
Technical data	Unit	Value	Tolerance	Test method
Length	m	25	+1% -0%	EN 1848-2
Width	m	4,00	+/- 2%	EN 1848-2
Thickness	mm	0,55	+/- 25%	EN 1849-2
Weight	g/m ²	460	- 5% / +10%	EN 1849-2
Straightness	Pass/Fail	Pass		EN 1848-2
Visible defects	Visible	No visible defects		EN 1850-2
Tensile strength	N/50mm	MD: > 350		EN 12311-2
		CD: > 350		
Elongation	%	MD: > 450		EN 12311-2
		CD: > 550		
Radon transmittance	10 ⁻⁸ m/s	1,6		SP internal test
Radon permeability	10 ⁻¹² m ² /s	7,9		SP internal test
Sd value	m	193	±50	EN 1931
Water vapour transmission	kg/(m ² .s.Pa)	1,07x10 ⁻¹²	±3,01x10 ⁻¹³	EN 1931
Nail tear resistance	N	MD: > 200		EN12310-1
		CD: > 200		
Resistance to static loading	N	Pass at 200N		EN 12730, Method B
Impact resistance	mm	≥250mm		EN 12691, Method A
Bitumen compatibility	Pass/Fail	Pass class W1		EN 1548
Joint strength, tape	N/50mm	>60 N		EN 12317-2
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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