


**Application:**

The MONARFLEX® RMB 350 membrane is a radon and moisture barrier to be used over the foundation of houses and buildings.

**Properties:**

The MONARFLEX® RMB 350 membrane is a three layer moisture barrier with one layer of blown film laminated together with a strong reinforcing grid.

Product data	MONARFLEX® RMB 350			
Composition: Top layer Reinforcement Bottom side	150 micron red LDPE layer with HDPE 12x12 mm Polyester multifilament 1100 dtex 200 micron black LDPE layer with UV and HDPE			
Colour	Red/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	2,00 & 4,00	+/- 2%	EN 1848-2
Thickness	mm	0,35	+/- 10%	EN 1849-2
Weight	g/m <sup>2</sup>	350	+/- 5%	EN 1849-2
Straightness	Pass/Fail	Pass		EN 1848-2
Visible defects	Visible	No visible defects		EN 1850-2
Tensile strength	N/50mm	MD: > 450		EN 12311-1
		CD: > 420		
Elongation	%	MD: > 12		EN 12311-1
		CD: > 12		
Radon transmittance	10 <sup>-9</sup> m/s	<20		SP internal test
Radon permeability	10 <sup>-12</sup> m <sup>2</sup> /s	<10		SP internal test
Sd value	m	232	±50	EN 1931
Water vapour transmission	kg/(m <sup>2</sup> .s.Pa)	8,43x10 <sup>-13</sup>	±6,13x10 <sup>-14</sup>	EN 1931
Nail tear resistance	N	MD: > 300		EN12310-1
		CD: > 300		
Resistance to static loading	N	Pass at 200N		EN 12730, Method B
Impact resistance	mm	<200 mm		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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