


Properties:

The MONARFLEX® Ultra DPM 300 membrane is a three layer moisture barrier with two layers of blown film laminated together with a monofilament reinforcement grid.

Product data	MONARFLEX® Ultra DPM 300			
Composition: Top layer Coater layer Bottom layer	180 micron of clear LDPE coater layer with UV additives 12x12 mm monofilament grid in green 0,38 mm thread 120 micron of clear LDPE blown film with UV additives			
Colour	Clear			
Application	100 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	2,0 & 4,0	+/- 2%	EN 1848-2
Thickness	mm	0,3	+25% - 10%	EN 1849-2
Weight	g/m ²	308	+/- 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: > 300		EN 12311-1
		CD: > 300		
Elongation	%	MD: > 20		EN 12311-1
		CD: > 20		
Moisture vapour transmission rate	g/m ² /24hr	0,25	+/-0,05	EN 1931
Water vapour permeance	m ² sPa/kg	1,2x10 ⁻¹²	+/-20% rel.	EN 1931
Nail tear resistance	N	MD: > 250		EN12310-1
		CD: > 250		
Resistance to static loading	N	Pass at 200N		EN 12730, Method B
Impact resistance	mm	<200		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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