


MONARFLEX® DPC

Application:

The Monarflex DPC (Damp Proof Course) product is a damp proof course, vapour barrier/moisture barrier that can be used for application between foundation and brick or wood wall.

Properties:

The Monarflex DPC has an excellent anti slip on both sides of the product to ensure the perfect joint between foundation and wall. The product is ageing resistant and further resistant to cement materials and common occurring alkaline.

Product data				
Built-up	LDPE with heat protection (IR)			
Top side	LDPE with heat protection (IR)			
Middle layer	LDPE with heat protection (IR)			
Bottom side	LDPE with heat protection (IR)			
Colour	Black			
Weight	265 g/m ² - 5% / +10%			
Application	The material is unrolled on the foundation either in foundation width or in an L or Z shape. All overlapping joints must be with a minimum of 100 mm. All penetrations or joints must be sealed with suitable Butyl sealer.			
Technical data	Unit	Value	Tolerance	Test method
Length	m	25,00	+1% -0%	EN 1848-2
Width	m	0,10, 0,11, 0,13, 0,15, 0,19, 0,20, 0,23, 0,29, 0,30, 0,34, 0,35, 0,40, 0,42, 0,50, 0,60, 1,00,	±5 mm	EN 1848-2
Straightness	Pass/Fail	Pass		EN 1848-2
Visible defects	Visible	No visible defects		EN1850-2
Thickness	mm	0,30	±25%	EN 1849-2
Tensile strength	N/50 mm	MD >165		EN 12311-2
		TD >165		EN 12311-2
Elongation	%	MD >300		EN 12311-2
		TD >300		EN 12311-2
Nail tear resistance	N	MD >100		EN 12310-1
		TD >100		EN 12310-1
Cold bend	°C	-20	±1°C	EN 495-5
Impact resistance	mm	<200 (rigid support)		EN 12691, Method A
Static Load	Kg	≥20		EN 12730, Method B
Joint strength	N/50 mm	MD >100		EN 12317-2
		TD >100		EN 12317-2
Sd value	m	>120		EN 1931
Water vapour transm.	m ² .s Pa/kg	3,16E-09	±9,37E-11	EN 1931
Water tightness	Pass/Fail	Pass (2kPa)		EN 1928, Method A
Alkali durability	Pass/Fail	NPD		Annex C
Fire classification	Class	F		EN 13501-1
Ageing after EN 1296				
Water tightness	Pass/Fail	Pass		EN 1928, Method A
Water vapour transm.	Pass/Fail	Pass		EN 1931
Classification	Damp Proof Course Type A – EN 14909 Vapour Barrier Type A – EN 13984			
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