


Monarperm TP 160

Application:

Monarperm TP 160 is a breathable underlay for walls. It is suitable for back vented facing construction as wind barrier. It is suitable for use with brick cladding, weatherboarding, tile-hanging and sheet cladding systems.

Properties:

Monarperm TP 160 is a laminated 2 layers product. It is air tight membrane and has low Sd value and has water tightness class W1.

Product data				
Built-up				
Layer 1	PP non woven UV stable			
Layer 2	TPE black with UV stabilizer			
Colour	Black			
Application	Underlay for walls			
Technical data	Unit	Value	Tolerance	Test method
Weight	g/m ²	160	- 5% / +10%	EN 1849-2
Length	m	50	+1½% - ½%	EN 1848-2
Width	m	1,50 & 3	+1% - 0,0%	EN 1848-2
Thickness	mm	0,40	± 50µm	EN 1849-2
Tensile strength	N/50 mm	190 (MD)	± 40	EN 12311-1
		150 (TD)	± 40	EN 12311-1
Elongation	%	50 (MD)	± 20	EN 12311-1
		50 (TD)	± 20	EN 12311-1
Nail tear resistance	N	180 (MD)	± 40	EN 12310-1
		200 (TD)	± 40	EN 12310-1
Dimensional stability	%	< 0,1 (MD)	-	EN 1107-2
		< 0,1 (TD)	-	EN 1107-2
Cold bend	°C	-20	-	EN 1109
Sd value	m	0,1	±0,05	EN 12572 Method C
Water tightness	Class	W1		EN 1928 Method A
Resistance to air penetration	m ³ /(hxm ² x50 Pa)	0,000		EN 12114
Fire classification	Class	F		EN 13501-1
Ageing after EN 1297 & EN 1296				
Tensile strength	N/50 mm	150 (MD)	± 20	EN 12311-1
		130 (TD)	± 20	EN 12311-1
Elongation	%	30 (MD)	± 20	EN 12311-1
		30 (TD)	± 20	EN 12311-1
Water tightness	Class	W1		EN 1928 Method A
Classification	Underlay for walls – EN 13859-2			
				Monarflex s.r.o. Továrenská 1 SK-94303 Stúrovo Slovakia 12