

# PLATON

## DRAINAGE MEMBRANE

Rugged, dimpled high density polyethylene membrane used as drainage membrane for foundations and as a vapor barrier for floors.

- Creates an air space which allows the concrete to breathe while controlling humidity
- Insulates cold and wet concrete basement floors

### PRODUCT PURPOSE

Application	Drainage	
Building Part	Foundations	
	Flooring	
Substrates	Concrete	ICF

### PRODUCT CHARACTERISTICS

Reinforcement	High density Polyethylene
Installation Method	Mechanically fastened

### PACKAGING

Code	Width		Length		Thickness		Net Area		Quantity (per pallet)	
	m	ft	m	ft	mm	mils	m <sup>2</sup>	ft <sup>2</sup>		
28059	1.13	3.71	15.20	50	0.6	24	17.18	185	24	
28058	1.65	5.5	20	65.6	0.6	24	32.95	355	12	
28057	1.83	6	20	65.6	0.6	24	36.6	394	12	
28056	1.98	6.6	20	65.6	0.6	24	39.6	425	12	
28055	2.07	6.95	20	65.6	0.6	24	41.34	445	12	
28054	2.21	7.3	20	65.6	0.6	24	44.2	476	12	
Platon DT	28053	2.44	8	20	65.6	0.6	24	48.77	525	12
28052		2.44	8	20	65.6	0.6	24	48.77	525	12
28051		3.05	10	20	65.6	0.6	24	60.38	650	6




### PROPERTIES

Properties	STANDARDS	PLATON
Thermal Resistance	-	R 0.68
Water Vapor Permeability	ASTM E96	0.05 perms (3ng/Pa.s.m <sup>2</sup> )
Air Volume/dimple side	-	4.0 l/m <sup>2</sup> (1 gal/vg <sup>2</sup> )
UV Stabilization	-	Minimum 2% carbon black content
Recycled plastic content	-	+ 85%

(All values are nominals)

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## INSTALLATION

Storage	Rolls should be stored upright.		
Required Products	ELASTOMERIC SEALER		
Tools Required	 Knife		Concrete screws 41 mm (1 5/8 in)
			Concrete nails 32 mm (1 1/4 in)
Equipment Required	Concrete nailer		Wireless screwdriver
Surface Preparation	Break off all ties and projections from the wall and clear stone and debris from the footing. Seal tie rod holes with mastic. (ICF) walls do not need any surface preparation. Parge block walls.		
Installation	<ol style="list-style-type: none"> <li>Chalk a line at finished grade around the foundation and run a generous bead of caulking 25 mm (1 in) below the line.</li> <li>Working from left to right, unroll the membrane, dimples toward the wall, smooth tab at the top, following the chalk line. PLATON must cover the foundation walls extending from the base to the finished grade.</li> <li>Attach the SpeedClip fasteners 30 cm (12 in) from each other along the top of the membrane. Attach the SpeedClip fasteners to the two upper rows of dimples of the PLATON membrane so that the strip continues to be smooth and firm against the wall. Hammer a nail (or screw in the case of ICF foundation walls) in the centre of the small hole between the dimples. Alternatively, fasten using Platon plugs and nails driven into the second and third row of dimples 20 to 30 cm (8 to 12 in) from each other.</li> <li>Smoothly secure the tape using a PLATON MOULDING at the top.</li> </ol>		
Tricks / Tips	The PLATON MOULDING seals the open areas of the membrane where dirt may accumulate and clog the drains. Generally, these areas are the starting point and end point of the installation. Caulking is not necessary if the bead is used with SpeedClip fasteners, because the PLATON MOULDING forms a continuous seal to the upper part of the membrane.		