



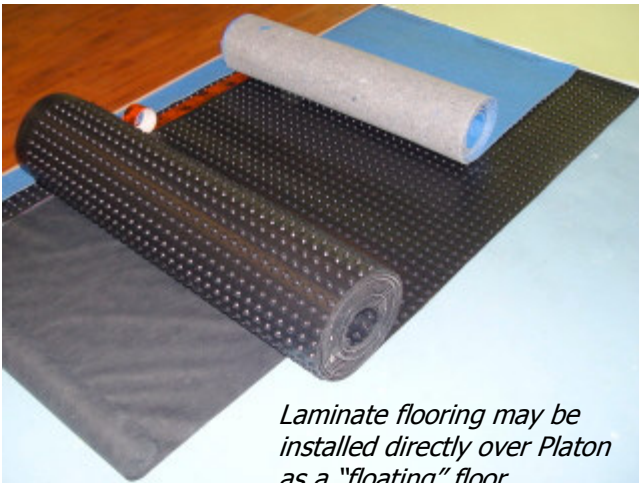
Platon P6 Flooring Underlayment Specification Sheet

General

Platon is a uniquely dimpled HDPE membrane intended to protect all types of flooring from the effects of damp concrete, while Platon's air gap allows the concrete to breathe and provides a thermal break from the slab.

Benefits

- Platon provides a continuous damp proof barrier between the slab and flooring material.
- Platon is unaffected by high alkaline concrete that breaks down conventional polyethylene barriers.
- The thermal break provided by Platon's air gap results in:
 - A: Warmer floors in winter
 - B: Reduced condensation in humid environments. (and resultant mold, mildew and musty odors)



Laminate flooring may be installed directly over Platon as a "floating" floor.

Installation Procedures

Basically, Platon is installed in strips, dimples down, over the concrete slab. The smooth tab (selvage edge) on the roll overlaps and is sealed to the adjacent strip. An OSB load spreading sheet is then placed over the Platon and fastened to the concrete in 24" intervals. All types of flooring may then be installed, following the manufacturers instructions for "above grade" floors. Detailed instructions are included in each roll or by visiting www.systemplaton.com



Technical Data

Platon Membrane Length-	65'6"	(20M)
Widths	10', 8', 7'3", 6'9.5", 6'6", 5'5" and 44.5" x 50'	
Minimum Sheet Thickness -	24-mil in the flat sections, 21-mil in the dimples.	
Dimple Height	1/4"	(6.0mm)
Compressive strength (75% deflection)	7,800 lb/sq.ft	376kN/m ²
Working Temperature:	-58°F to +176°F -50°C to +80°C	
Softening Temperature:	+257°F +125°C	
Thermal Resistance:	R .68	
Water Vapor Permeability	1.5 x 10 ⁻⁶ g/m ² h. 10 x > builders poly	
Air Volume/dimple side:	1 gal/yd ²	4.0L/M ²
UV Stabilization:	Minimum 2% carbon black content	
Toxicity:	None (Platon is chemically inert and 100% environmentally friendly)	
Life Expectancy-	Greater than 30 years (Average floor loading of 80 lb/sq.ft at temperature less than 102° F 39° C , less than 1/8" 3mm deflection)	



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KEEP IT DRY.

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