

Physical Properties

HeavyGUARD®

<u>Attributes</u>	<u>Value</u>	<u>Test</u>
Extruded Polystyrene	Type VI	ASTM C 578
Tongue & Groove Long Edges		
Latex Modified Concrete Face	15/16" (25 mm)	
Finished Overall Dimensions	24" wide (610 mm)	
	48" long (1219 mm)	
	2.938" thick (75.5 mm) for 2" foam	
	3.938" thick (100 mm) for 3" foam	
Weight	11 lbs./ ft ² (54 kg/m ²)	
R-Value	5/inch of foam	ASTM C 518
	(0.03 m ² x K/W per mm)	
Thermal Conductivity	0.2	
Compressive Strength	40 lbs./in ² (275.6 kPa)	ASTM D 1621
(Foam Insulation)		
Point Loading (1" x 1")	1300 lbs./in ² (8958 kPa)	
Water Absorption	<0.1	ASTM D 2842
2" Steel Ball Drop	700 ft. lbs. (952 J)	FM4470
Freeze/Thaw	750 Cycles	ASTM C 666 "B"
Permeability	0.8	ASTM E

HeavyGUARD® is a registered trademark of T. Clear Corporation

