

## LIGHTGUARD®

<u>Attributes</u>	<u>Value</u>	<u>Test</u>
Extruded Polystyrene	Type VI	ASTM C 578-92
Tongue & Groove Long Edges		
Latex Modified Concrete Face	3/8" (10 mm)	
Finished Overall Dimensions	24" wide (610 mm) 48" long (1219 mm) 2.375" thick (61 mm) for 2" foam 3.375" thick (86 mm) for 3" foam	
Weight	4.5 lbs./ ft. <sup>2</sup> (22 kg/m <sup>2</sup> )	
R Value	5 per inch of foam (0.03 m <sup>2</sup> · K/W per mm)	ASTM C 518-91
Thermal Conductivity	0.2	
Compressive Strength (Foam Insulation)	40 lbs./in <sup>2</sup> (275.6 kPa)	ASTM D 1621-79
Point Loading (1" x 1")	450 lbs./in <sup>2</sup> (3101 kPa)	
Water Absorption	< 0.1	ASTM D 2842-90
2" Steel Ball Drop	Slight Indentations < 0.05 (1.3 mm)	FM4470
Freeze/Thaw	750 cycles	ASTM C 666 "B"-92
Permeability	0.8	ASTM E 96-95

## HEAVYGUARD®

<u>Attributes</u>	<u>Value</u>	<u>Test</u>
Extruded Polystyrene	Type VI	ASTM C 578-92
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. <sup>2</sup> (54 kg/m <sup>2</sup> )	
R Value	5 per inch of foam (0.03 m <sup>2</sup> · K/W per mm)	ASTM C 518-91
Thermal Conductivity	0.2	
Compressive Strength (Foam Insulation)	40 lbs./in <sup>2</sup> (275.6 kPa)	ASTM D 1621-79
Point Loading (1" x 1")	1300 lbs./in <sup>2</sup> (8958 kPa)	
Water Absorption	< 0.1	ASTM D 2842-90
2" Steel Ball Drop	700 ft. lbs. (952 J)	FM4470
Freeze/Thaw	750 cycles	ASTM C 666 "B"-92
Permeability	0.8	ASTM E 96-95