

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 |

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