



- **Better R-Values**
- **Environmentally Friendly**
- **Termite Treated**
- **Contributes to LEED**

PolyPro™

EPS INSULATION FOAM BOARD

EPS Test Results per ASTM C578			
PROPERTY	UNITS	TYPE VIII	STANDARD
Density (U.S) Minimum Requirements	lbs/Ft	1.0	ASTM D1622
Compressive Resistance at yield of 10% deformation	PSI	12-17	ASTM D1621
Flexural Strength, psi	PSI	28-35	ASTM C203
Coefficient of Linear Expansion	in / in / °F	3.5 + 105	D696
Water Absorption by total immersion	Volume %	1.5 - 2	ASTM C272
Water Vapor Permeance	1", 1 perm	1.2 - 2.2	ASTM E96
Maximum Service Temperature	°F	176	ASTM C578
Polypropylene Facers	1.2 mils minimum.		
** Biological Behavior	No harmful effects on health known.		

*ASTM E-84 is not requirement of ASTM C578
 **Not included in ASTM

Packaging:

1/2" - 40 pcs./unit 29 units/1/2 truck, 58 units/ Full Truck
3/4" - 27 pcs./unit 29 units/1/2 truck, 58 units/ Full Truck
1" - 20 pcs./unit 29 units/1/2 truck, 58 units/ Full Truck

Units of differing thicknesses may be combined for Half or Full Truck requirements

R-Value Chart

THICKNESS	3/8"	1/2"	3/4"	1"
POLYPROTK™ BOARD	1.44	1.93	2.89	3.85
FOIL FACING with AIR SPACE	2.8	2.8	2.8	2.8
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SYSTEM R-VALUE	4.23	4.73	5.69	6.65

**To obtain the System R-Value there must be a minimum of 3/4" air space between the foil facing and the exterior cladding.
 R - means the resistance to heat flow.
 The higher the R value the greater the insulating power.

Notice: This insulation sheathing board meets or exceeds the physical properties of American Society of Testing Methods (ASTM) C 578

Installation: Install over exterior studs using a 7/16" crown staple or 1" plastic cap nail fasteners. Fasteners should be 8" apart along vertical edge and center of sheathing penetrating the stud at least 3/4". Taping the seams of the sheathing will help keep air from infiltrating the structure. Do not use as a nailing base. Corner bracing required.

Warning: Although this product contains a fire retardant agent, it is combustible. Keep away from open flame. If exposed to sufficient heat and intensity, it may burn rapidly. It should not be left exposed or inadequately protected for long period of time. As always, check with your local building official for specific use.



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