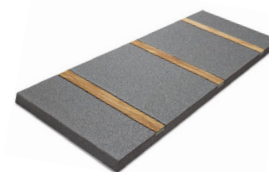




Made with GPS High-Performance Graphite Polystyrene (GPS)

## TECHINICAL DATA SHEET



### SPECIFICATIONS AND PERFORMANCE

Product Details	Test Method	Performance	
Thickness	-	2.125"	1.5"
R-Value, 75° F (Btu • in. / ft. <sup>2</sup> hr • F°)	ASTM C518	9.2	6.4
Coverage per panel	-	32 sq ft	
Dimensions, width x length (Ft.)	-	4'x8'	
Physical Characteristics of the GPS Insulation	Test Method	Performance	
Classification of Insulation Component	ASTM C578	Type II	
Density lb./ft <sup>3</sup> (kg/m <sup>3</sup> ) [minimum]	ASTM D1622	1.35	
Water Vapor Permeance of 1.00 in thickness, Min, perm (ng/Pa•s•m <sup>2</sup> )	ASTM E96	up to 3.5	
Water Absorption by Total Immersion [max, volume %]	ASTM C272	3.0	
Compressive Strength, PSI (kPa) [results based on 1" thickness]	ASTM D1621	15	
Flexural Strength, PSI (kPa) [results based on 1" thickness]	ASTM C203	35	
Surface Burning Characteristics: Flame Spread Smoke Developed	ASTM E84	20 400	
Physical Characteristics of the Plywood Furring Strips	Test Method	Performance	
Dimensions, width x length (Ft.)	-	1.9375"x95"	
Thickness	-	.75"	
Furring Strips Position	-	16" on center	

#### Read This Before You Buy - What You Should Know About R-values

The chart shows the R-value of this insulation. R means resistance to heat flow. The higher the R-value, the greater the insulating power. Compare insulation R-values before you buy. There are other factors to consider. The amount of insulation you need depends mainly on the climate you live in. Also, your fuel savings from insulation will depend upon the climate, the type and size of your house, the amount of insulation already in your house, and your fuel use patterns and family size. If you buy too much insulation, it will cost you more than what you'll save on fuel. To get the marked R-value, it is essential that this insulation be installed properly.

#### Additional Information

ReadyClad is treated with PREVENTOL®TM EPS, a systemic insecticide which protects the foam from termite damage. The active ingredient in PREVENTOL®TM EPS is used in low concentrations and is safe for installers and homeowners.

Progressive Foam's manufacturing process includes a combination of heat and pressure, utilizing clean technologies that minimize energy and water inputs through closed loop energy recycling. No solid waste is generated in production, and no generated waste goes to the landfill. All waste is fully recaptured and repurposed.

ReadyClad is treated with a flame retardant; however, all foam plastic insulation will ignite if exposed to fire of sufficient heat and intensity. Protect foam insulation from exposure to open flame or other ignition sources during shipment, storage, and installation.

Prolonged exposure to ultraviolet radiation may cause the surface of the insulation to degrade. A light-colored, opaque protective covering should be used if excessive solar exposure is expected.



#### Disclaimer

Technical information contained herein is furnished without charge or obligation and is given and accepted at recipient's sole risk. Because conditions of use may vary and are beyond our control, Progressive Foam Technologies, Inc. makes no representation about, and is not responsible or liable for the accuracy or reliability of data associated with particular uses of any product described herein. Nothing contained in this bulletin shall be considered a recommendation.



Progressive Foam Technologies, Inc. • 6753 Chestnut Ridge Road Beach City, Ohio 44608 • 1-800-860-3626  
For the most current version of our literature, visit [www.progressivefoam.com](http://www.progressivefoam.com)

11/12/24