

# PROFOLD® ORIGINAL FAN-FOLDED UNDERLAYMENT

PRODUCT DATA SHEET

This is expanded polystyrene (EPS) insulation.

## SPECIFICATIONS AND PERFORMANCE

Physical Property	Test Method	1/4"	3/8"	1/2"	3/4"
R-Value, 75° F (Btu • in. / ft. <sup>2</sup> hr • F°)	ASTM C518	1.0	1.5	2.0	3.0
Sq. Ft. of Insulation Per Package	-	192			
Dimensions, length x width (Ft.)	-	4' x 48'			
Lamination Type	-	nom. 0.1 mil flexible plastic, nom. 0.1 mil reflective			
Density lb./ft. <sup>3</sup> (kg/m <sup>3</sup> )	ASTM D1622	Minimum .70			
Water Vapor Permeance of 1.00 in thickness, Min, perm (ng/Pa•s•m <sup>2</sup> )	ASTM E96	<1.0			
Compressive Strength, PSI (kPa)	ASTM D1621	Minimum 5			
Flexural Strength, PSI (kPa)	ASTM C203	Minimum 10			
Surface Burning Characteristics: Flame Spread Smoke Developed	ASTM E84 / UL 723	<25 <450			

### 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

ProFold 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.

Expanded polystyrene 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.



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