



# STYROFOAM™ Brand PERIMATE™ Extruded Polystyrene Foam Insulation



Building Solutions

## Dow® Perimate™ Features:

- Long-Term R-Value
- Extruded Polystyrene Foam
- Protects membrane during backfill
- Keeps inside basement walls warmer to reduce condensation
- Residential and commercial applications.

STYROFOAM™ PERIMATE™ brand insulation is an extruded polystyrene foam board, which insulates and assists drainage in residential building foundations. A patented groove network in the exposed side of the boards assists water down to the footing drain/weep tile even at high soil pressure (e.g., 1200 psf). This product has been used in Canada and Europe and is now being introduced in the United States as an inexpensively installed combination of foundation insulation, drainage assistance and waterproofing protection. STYROFOAM PERIMATE brand insulation offers warranted long-term R-value to conserve energy in an area of a building where much heat can be lost. Since a below grade room in a building is more useful and comfortable if it is dry, proper drainage compliments the damproofing or waterproofing of the foundation. Therefore, standing moisture is reduced on concrete or masonry walls. **Superior Moisture Resistance** STYROFOAM brand insulation has 50 years of proven performance in wet environments. Its closed cell structure resists water pickup and retains its R-value over time.

Properties	R-Value	Units	Method
Thermal Resistance, Aged, (min)			
1.063" thickness	5	°f•ft <sup>2</sup> •h/BTU	ASTM C518
1.5" thickness	7	°f•ft <sup>2</sup> •h/BTU	ASTM C518
2.1" thickness	10	°f•ft <sup>2</sup> •h/BTU	ASTM C518
Water Absorption, (max)	0.1	% by volume	ASTM C272
Drainage capacity @ 1200 psf gradient 0.19	3	gal./min./ft.	ASTM D4716

