



Dow® Perimate™



Insulation Drainage Board

Product Description:

Dow® Perimate™ Features:

- Long-Term R-Value unlike fiberglass
- Extruded Polystyrene Foam protects membrane
- Resists compression 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 drainage directing it down to the footing drain/weep tile, even at high soil pressure (e.g., 1200 psf). This product, used in U.S., Canada, and Europe and is offered by HouseGuard™ in the United States under an agreement with Dow®.

STYROFOAM™ PERIMATE™ brand insulation offers long term, warranted R-value to conserve energy in areas of a building where considerable heat can be lost. Below grade rooms are only useful and comfortable if they are kept dry. Dow® Perimate™ promotes warm and dry living spaces as it complements any dampproofing or waterproofing membrane application with its insulating and drainage characteristics. The Superior Moisture Resistance of STYROFOAM™ brand insulation has 50 years of proven performance in wet environments. Its closed cell structure resists water pickup, the pressures of backfill, and retains its R-value over time, unlike conventional fiberglass.

<u>Properties:</u>	<u>Value</u>	<u>Units</u>	<u>Method</u>
Thermal Resistance, Aged, (min)			
1.063" thickness, R-Value	5	°f •ft2 •h/BTU	ASTM C518
1.5" thickness, R-Value	7	°f •ft2 •h/BTU	ASTM C518
2.1" thickness, R-Value		10	°f •ft2 •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

