

# Manufacturer's Insulation Fact Sheet

## Extruded Polystyrene Foam Home Insulation Products



This fact sheet contains important information about STYROFOAM® brand insulation, BLUECOR® brand Underlayment, DOW High Performance Underlayment and GRAYBOARD® insulation. These products, manufactured by The Dow Chemical Company, are made of extruded polystyrene foam insulation and are clearly identified by the DOW Diamond.

### Aged R-Value (Measured at 75°F Mean Temperature)

Product Thickness (nominal inches)	1/4	3/8	1/2	5/8	3/4	1	1 1/2	2
STYROFOAM® Brand Square Edge Insulation	–	–	–	–	3.8	5.0	7.5	10.0
STYROFOAM® Brand Tongue & Groove Insulation	–	–	–	–	3.8	5.0	7.5	10.0
STYROFOAM® Brand Residential Sheathing	–	–	3.0	3.2	4.0	5.0	–	–
STYROFOAM® Brand Residing Board	–	–	2.8	–	–	–	–	–
GRAYBOARD® Insulation	–	–	–	–	–	5.0	7.5	10.0
STYROFOAM® DURAMATE® Plus Brand Insulation	–	–	3.0	–	4.0	5.0	–	–
STYROFOAM® WALLMATE® Brand Insulation	–	–	–	–	–	–	7.5	10.0
STYROFOAM® PERIMATE® Brand Insulation	–	–	–	–	–	–	7.0	10.0 <sup>1</sup>
BLUECOR® Brand Underlayment	1.0	–	–	–	–	–	–	–
DOW High Performance Underlayment	1.0	1.5	–	–	–	–	–	–
DOW Manufactured Housing Underlayment	1.0	–	–	–	–	–	–	–

### Board Coverage Area

Standard Size (feet) sizes vary by product	2 x 8	4 x 8	4 x 9	4 x 50
Coverage per board (sq. ft.)	16	32	36	200

### READ THIS BEFORE YOU BUY

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.

**NOTICE:** STYROFOAM brand insulation, BLUECOR brand Underlayment, DOW High Performance Underlayment and GRAYBOARD brand insulation are **combustible** and should be protected from flame and other high heat sources. It should be installed with code-acceptable thermal barriers or used in approved alternative constructions. For more information, contact DOW (1-800-441-4DOW).

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1. Nominal 2" thickness.



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