

**INSULATION FACT SHEET**

R-Values*				
Thickness (inches)	R-Value (°F·hr·ft <sup>2</sup> / Btu)	Moisture Vapor Perm	Installation Limitations with a prescriptive Thermal Barrier	Limitations with DC 315 Coating on the foam in lieu of a Thermal Barrier
1	6.8	1.3	No limit for Thickness In walls	In vertical wall max thickness 5.5” with DC 315 coating 14 wet mils (9dry mils)
2	13	0.65		
3	20	0.43		
3.5	23	0.37	No limit to Thickness in ceilings/roof decks	Underside of roof decks max thickness 9.5” with DC 315 coating 14 wet mils (9 dry mils)
5.5	35	0.24		
9.5	61	0.14		

\*Note: As with all insulating materials, the R-value will vary with age and use conditions.

**DESCRIPTION:**

InsulStar<sup>®</sup> 11-016 is a two component, self-adhering, seamless, closed cell, spray applied polyurethane foam system. This NCFI system has been formulated with highly insulating HFC-245fa as the blowing agent. The InsulStar<sup>®</sup> insulation system is suitable for application on the exterior or interior side of Type I, II, III, IV, & V buildings as well as other insulation applications. It complies with AC 377 and ASTM C1029. InsulStar is certified for application in ABAA projects. Refer to the InsulStar 11-016 Technical Data Sheet for additional product performance and application guidelines.

**Read This Before You Buy**  
What you should know about R values

The chart shows R value of this insulation. R value 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.

