

INSULATION FACT SHEET

INSULSTAR[®] 1.7 11-033 1.7lb Closed Cell Foam

This is Spray Polyurethane Foam Insulation

11-033 is a two component, one-to-one by volume, self-adhering, seamless spray applied closed cell polyurethane insulation system. This system has been formulated with HFO as the blowing agent. 11-033 is suitable for use in Type I to V construction. The 11-033 spray foam is Air-Impermeable when installed at 1/2 inch or thicker for use in unvented roof assemblies per 2021 and 2018 IRC R806.5 and IBC 1202.3. In lieu of the code prescribed ignition barrier in attics and crawlspaces, the foam can be installed up to 8 inches thick on vertical surfaces and up to 10 inches thick on horizontal and overhead surface and be left exposed. The 11-033 foam system is approved for use with the DC315 intumescent coating in lieu of the code prescribed thermal barrier covering. 11-033 can be installed up to 5.5 inches thick in walls and 9.5 inches thick on the roof/ceiling when covered with 14 wet mils of DC315. Refer to the 11-033 Technical Data Sheet or contact NCFI for additional information.

R* Values	
Thickness	R Value (°F·hr·ft ² / Btu)
1.0"	7.1
2"	14
3"	20
3.5"	23
4"	27
4.5"	30
5.5"	37
6"	40
7"	47
8"	53
9"	60

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

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, proper installation of your insulation, and how tightly your house is sealed against air leaks. 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.

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