

## 12-008 Insulation Fact Sheet

### This is Spray-in-Place Polyurethane Foam Insulation

R* Values	
Thickness	R Value (°F·hr·ft <sup>2</sup> / Btu)
<b>1.0"</b>	<b>3.7</b>
<b>3.5"</b>	<b>13</b>
<b>5.5"</b>	<b>21</b>
<b>8"</b>	<b>30</b>
<b>11"</b>	<b>42</b>
<b>14"</b>	<b>53</b>

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

12-008 is a two component, one-to-one by volume, no-mix, self-adhering, seamless spray applied open cell polyurethane insulation system. This NCFI system has been formulated with water as the blowing agent. 12-008 is suitable for use in Type I to V construction. The 12-008 spray foam is Air-Impermeable when installed at 6.75 inches or thicker. 12-008 may be installed in unvented roof assemblies per IRC R806.5 Unvented Attic and unvented enclosed rafter assemblies. The 12-008 system is approved for use with the DC315 intumescent coating. 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 14 inches thick on horizontal and overhead surfaces when covered with 7 wet mils of DC315. In lieu of the code prescribed thermal barrier covering, 12-008 can be installed up to 8 inches thick in walls and 14 inches thick on the roof/ceiling when covered with 14 wet mils of DC315. Refer to the 12-008 Technical Data Sheet or Contact NCFI for additional information.

#### 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. 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.