

## Insulation Fact Sheet

InsulStar®Light 12-008 is a two component, one-to-one by volume, spray applied open cell polyurethane foam insulation. This NCFI system has been formulated with water as the blowing agent. InsulStar®Light is suitable for use in Type I to V construction. The foam is Air-Impermeable when installed at minimum 4 inches. InsulStar®Light may be installed in unvented roof assemblies per 2018 IRC R806.5 or 2018 IBC 1202.3. Unvented Attic and unvented enclosed rafter assemblies are approved per Intertek CCRR-0323. Contact NCFI for the specific approved installation methods in attics and crawlspaces. In lieu of the code prescribed Thermal Barrier covering when installed in the interior of a building, InsulStar®Light 12-008 can be installed up to 8 inches in walls and 14 inches thick on the roof/ceiling when covered with 14 wet mils of DC315. Refer to the Intertek CCRR-0323 or the 12-008 Technical Data Sheet or Contact NCFI for additional information.

R Value Table (°F·hr·ft <sup>2</sup> / Btu)			
Thickness	R Value	Thickness	R-value
<b>1.0"</b>	<b>3.7</b>	<b>5.5"</b>	<b>21</b>
<b>2"</b>	<b>7.6</b>	<b>6"</b>	<b>23</b>
<b>3"</b>	<b>11</b>	<b>8"</b>	<b>31</b>
<b>3.5"</b>	<b>13</b>	<b>9"</b>	<b>34</b>
<b>4"</b>	<b>15</b>	<b>10"</b>	<b>38</b>
<b>5"</b>	<b>19</b>	<b>14"</b>	<b>54</b>

\* 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. 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.

