

# Insulation Fact Sheet

This is Applegate Loose-fill Cellulose Insulation

Applegate Loose-fill Cellulose Insulation has been installed with the manufacturer's recommendations to provide a value of R-\_\_\_\_\_ using \_\_\_\_\_ bags of insulation to cover \_\_\_\_\_ square feet of area at a thickness of \_\_\_\_\_ inches.



Building Address


City, State, Zip

Signature of Installer

Company Name

Company City, State, ZIP

Date Installed



R & D Services, Inc. Classified  
Applegate Loose-Fill Cellulose  
Reference File: RDS-LF9587

| R-Value @ 75 °F | Initial Installed Thickness (Inches) | Minimum Settled Thickness (Inches) | Maximum Net Coverage Area (Square Feet per Bag) | Number of Bags per 1,000 Square Feet | Minimum Weight per Square Foot (Pounds) |
|-----------------|--------------------------------------|------------------------------------|---|--------------------------------------|---|
| 11              | 3.92                                 | 3.52                               | 128.8   | 7.8                                  | 0.21                                    |
| 13              | 4.50                                 | 4.05                               | 99.3  | 10.1                                 | 0.27                                    |
| 19              | 6.36                                 | 5.72                               | 57.4  | 17.4                                 | 0.46                                    |
| 22              | 7.32                                 | 6.58                               | 47.2  | 21.2                                 | 0.56                                    |
| 24              | 7.96                                 | 7.16                               | 42.2  | 23.7                                 | 0.63                                    |
| 26              | 8.60                                 | 7.74                               | 38.1  | 26.3                                 | 0.70                                    |
| 30              | 9.90                                 | 8.91                               | 31.9  | 31.4                                 | 0.83                                    |
| 32              | 10.55                                | 9.49                               | 27.4  | 36.5                                 | 0.97                                    |
| 38              | 12.50                                | 11.25                              | 24.0  | 41.6                                 | 1.10                                    |
| 40              | 13.15                                | 11.83                              | 22.6  | 44.2                                 | 1.17                                    |
| 45              | 14.78                                | 13.30                              | 19.7  | 50.6                                 | 1.34                                    |
| 48              | 15.76                                | 14.18                              | 18.3  | 54.5                                 | 1.44                                    |
| 49              | 16.08                                | 14.48                              | 17.9  | 55.8                                 | 1.48                                    |
| 50              | 16.41                                | 14.77                              | 17.5  | 57.1                                 | 1.51                                    |
| 55              | 18.05                                | 16.24                              | 15.7  | 63.5                                 | 1.68                                    |
| 60              | 19.68                                | 17.71                              | 14.3  | 70.0                                 | 1.85                                    |

Minimum installed thickness determined according to ASTM C1374 using a Krendl 500 with gate at 5 and air at 6.5. Settings are not adjustable

## APPLEGATE MANUFACTURING FACILITIES

|   |   |  |   |  |  |
|---|---|--|---|--|--|
| 1925 State Route<br>1241 North<br>Hickory, KY<br>42051-9055<br>888-502-7753 | 1050 Superior<br>Avenue<br>Chambersburg, PA<br>17201-7859<br>800-231-1939 | 2500 Jackson<br>Street<br>Monroe, LA<br>71202-3227<br>800-854-1907 | 1241 Meadowbrook<br>Drive<br>Eastanollee, GA<br>30538<br>888-427-7534 | 600 Industrial<br>Drive<br>Bloomer, WI<br>54724-5004<br>800-633-3179 | 1000 Highview Drive<br><br>Webberville, MI<br>48892-9007<br>800-627-7536 |
|---|---|--|---|--|--|

### 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.

Chart based on settled thickness, a nominal bag weight of 26.5 lbs and coverage based on the Krendl 500 blowing machine. Machine settings are not adjustable. Stated R-value is provided by installing the required number of bags per 1,000 sq ft at a minimum installed thickness. Installation of the required number of bags may yield more than the specified minimum thickness and minimum weight per sq ft. Actual coverage will be influenced by job conditions and application techniques and may vary as much as 10% without significantly affecting the stated R-value. Failure of the installer to provide at least the required number of bags per 1,000 sq ft and at least the minimum thickness may result in a lower installed R-value. Compaction may occur during installations above R-30, requiring more than the stated number of bags to obtain the minimum installed thickness. This product is intended for dry loose-fill attic application. This coverage chart does not apply to spray-applied application. Do not add water to this product in attic applications.