# Builders Statement

CertainTeed
SAINT-GOBAIN

# OPTIMA® Fiber Glass Blowing Insulation

## For use in Blow-In-Blanket® System

Homeowner Name / Jobsite Name

Home Address

| | | |
|---|---|---|
| Installer / Contractor (sign) | Company Name | Date |
| Builder (sign) | Company Name | Date |
| Inspected By (sign if required) | Company Name | Date |

**SIDEWALLS, CATHEDRAL CEILINGS AND OTHER CLOSED CAVITIES THAT ARE COMPRESSION FILLED.**

| OPTIMA Blown-in Blanket Closed Cavity | | | | | Bag Weight 31 lbs |
|---|---|---|---|---|---|
| **Cavity Framing Installed Thickness** | **Installed R-VALUE** | **Installed Design Density** | **Maximum Coverage Per Package** | **Minimum Packages Per Area** | **Minimum Weight Per Unit Area** |
| in. | (hr•ft2•°f)/Btu | lbs/ft3 | net sq. ft. | #/1,000 sq. ft. | lbs./sq. ft. |
| 3 1/2" (2x4) | 14 | 1.2 | 88.6 | 11.3 | 0.350 |
| 3 1/2" (2x4) | 15 | 1.5 | 70.9 | 14.1 | 0.438 |
| 5 1/2" (2x6) | 21 | 1.2 | 56.4 | 17.7 | 0.550 |
| 5 1/2" (2x6) | 24 | 1.8 | 37.6 | 26.6 | 0.825 |
| 7 1/4" (2x8) | 29 | 1.2 | 42.8 | 23.4 | 0.725 |
| 7 1/4" (2x8) | 31 | 1.6 | 32.1 | 31.2 | 0.967 |

**FLOORED ATTICS — CLOSED CAVITIES THAT ARE COMPRESSION FILLED.**

| OPTIMA Closed Cavity for TJI Trusses | | | | | Bag Weight 31 lbs |
|---|---|---|---|---|---|
| **R-VALUE** | **Minimum Installed Thickness** | **Density Design** | **Maximum Coverage Per Package** | **Minimum Weight Per Unit Area** | **Minimum Packages Per Area** |
| (hr•ft2•°f)/Btu | in. | lbs./ft3 | net sq. ft. | lbs./sq. ft. | #/1,000 sq. ft. |
| 40 | 9.5 | 1.6 | 24.5 | 1.267 | 40.9 |
| 50 | 11.875 | 1.6 | 19.6 | 1.583 | 51.1 |
| 59 | 14 | 1.6 | 16.6 | 1.867 | 60.2 |
| 68 | 16 | 1.6 | 14.5 | 2.133 | 68.8 |

| | R-VALUE | THICKNESS | NET AREA (SQ FT) | OPTIMA (✔) | NUMBER OF BAGS USED | BATTS/ROLLS (✔) |
|---|---|---|---|---|---|---|
| CEILINGS | | | | | | |
| | | | | | | |
| WALLS | | | | | | |
| | | | | | | |
| FLOORS | | | | | | |
| | | | | | | |
| MIDFLOORS | | | | | | |
| | | | | | | |

**THERMAL PERFORMANCE**

R-Values are determined in accordance with ASTM C 687. Complies with ASTM C 764 as Type 1 insulation. "R" means resistance to heat flow. The higher the R-Value, the greater the insulating power. To get the marked R-Value, it is essential that the insulation is installed properly following the recommendations of CertainTeed Corporation. OPTIMA® Loose Fill Insulation is manufactured for closed cavity application installed behind OPTIMA Fabric or equivalent. It should not be used for open blow applications. Coverage is based on a nominal 31 lb. bag. In accordance with the chart above, you must install the minimum number of bags per 1,000 sq. ft. of net area for each R-Value listed. The maximum net coverage must not exceed that specified for each R-Value. The installed insulation must be at or above the specified minimum thickness for each R-Value. Failure to install the required minimum weight per sq. ft. of insulation at or above the minimum thickness will result in reduced R-Value. This product should not be mixed with other blown insulations or the thermal claims will become invalid.

**DANGER: RECESSED LIGHT FIXTURES — TO PREVENT OVERHEATING, DO NOT INSULATE ON TOP OR WITHIN 3" OF NON-IC RATED LIGHT FIXTURES. DOES NOT APPLY TO TYPE IC LIGHT FIXTURES OR TO FLUORESCENT FIXTURES WITH THERMALLY PROTECTED BALLASTS.**

## THERMAL PERFORMANCE — (BASED ON A NOMINAL 31 LB. BAG)

OPTIMA® Loose Fill Insulation is designed and manufactured for closed cavity application installed behind OPTIMA Fabric or equivalent.

**MIDFLOOR — CLOSED CAVITIES THAT ARE NOT COMPRESSION FILLED.**

| OPTIMA MidFloor Application Coverage Chart | | | | | Bag Weight 31 lbs |
|---|---|---|---|---|---|
| Minimum Installed Thickness | R-VALUE | Design Density | Maximum Coverage Per Package | Minimum Weight Per Unit Area | Minimum Packages Per Area |
| in. | (hr•ft2•°f)/Btu | lbs/ft3 | net sq. ft. | lbs./sq. ft. | #/1,000 sq. ft. |
| 8 | 28 | 0.8 | 58.1 | 0.53 | 17.2 |
| 9 | 32 | 0.8 | 51.7 | 0.60 | 19.4 |
| 10 | 35 | 0.8 | 46.5 | 0.67 | 21.5 |
| 11 | 39 | 0.8 | 42.3 | 0.73 | 23.7 |
| 12 | 42 | 0.8 | 38.8 | 0.80 | 25.8 |
| 13 | 46 | 0.8 | 35.8 | 0.87 | 28.0 |
| 14 | 49 | 0.8 | 33.2 | 0.93 | 30.1 |
| 15 | 53 | 0.8 | 31.0 | 1.00 | 32.3 |
| 16 | 56 | 0.8 | 29.1 | 1.07 | 34.4 |
| 17 | 60 | 0.8 | 27.4 | 1.13 | 36.6 |
| 18 | 63 | 0.8 | 25.8 | 1.20 | 38.7 |
| 19 | 67 | 0.8 | 24.5 | 1.27 | 40.9 |
| 20 | 71 | 0.8 | 23.3 | 1.33 | 43.0 |
| 21 | 74 | 0.8 | 22.1 | 1.40 | 45.2 |
| 22 | 78 | 0.8 | 21.1 | 1.47 | 47.3 |
| 23 | 81 | 0.8 | 20.2 | 1.53 | 49.5 |
| 24 | 85 | 0.8 | 19.4 | 1.60 | 51.6 |

R-Values are determined in accordance with ASTM C 687. Complies with ASTM C 764 as Type 1 insulation. “R” means resistance to heat flow. The higher the R-Value, the greater the insulating power. To get the marked R-Value, it is essential that the insulation is installed properly following the recommendations of CertainTeed Corporation.



## 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.

Seal and Insulate with ENERGY STAR — LEARN MORE AT energystar.gov

NAIMA North American Insulation Manufacturers Association

GREENGUARD GOLD — PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818

U.S. Green Building Council MEMBER

Home Innovation NGBS GREEN CERTIFIED™ Cert. #00048

CertainTeed SAINT-GOBAIN

**CertainTeed Corporation**

ROOFING · SIDING · TRIM · DECKING · RAILING · FENCE · GYPSUM · CEILINGS · INSULATION

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