CERTAINTEED

InsulSafe® SP
Fiber Glass Blowing Insulation

• EXCELLENT COVERAGE
• THERMALLY EFFICIENT
• NONCOMBUSTIBLE
• WON'T SETTLE
• LASTS FOR THE LIFE OF A HOME
• SUSTAINABLE ENERGY EFFICIENCY
• GREENGUARD® GOLD CERTIFIED
• NONCORROSIVE
• WON'T ROT OR DECAY
• EXCELLENT SOUND CONTROL
• WON'T ABSORB MOISTURE OR SUPPORT FUNGUS GROWTH
• LIMITED LIFETIME WARRANTY
• FORMALDEHYDE-FREE, NO ADDED DYES OR ACRYLICS

CertainTeed Corporation
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Malvern, PA 19355

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Consumer: 800-782-8777

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Code No. 30-24-311

ASK ABOUT ALL OF OUR OTHER CERTAINTEED® PRODUCTS AND SYSTEMS:
ROOFING • SIDING • TRIM • DECKING • RAILING • FENCE
INSULATION • GYPSUM • CEILINGS

Cert. #00048

CERTAINTEED
SAINT-GOBAIN

Fiber Glass Blowing Insulation

Loose Fill Applications
Aplicaciones de Llenado de Espacios

• the world's premier blowing insulation
• no voids – provides a continuous thermal and acoustical blanket
• does not settle
• non-combustible
• GREENGUARD® certified

CERTAINTEED
SAINT-GOBAIN

25% of energy is lost through the roof*

Under-insulated attic:
you can see the joists

InsulSafe SP Has Great Potential in the Retrofit Market

46 million U.S. homes either have no insulation or are woefully under-insulated.

Adding attic insulation is the most effective way to improve home energy efficiency.

*Energy Information Administration

CERTAINTEED
SAINT-GOBAIN
InsulSafe® SP

- Excellent coverage
- Thermally efficient
- Noncombustible
- Won’t settle
- Lasts for the life of a home
- Sustainable energy efficiency
- Greenguard® Gold certified
- Noncorrosive
- Won’t rot or decay
- Excellent sound control
- Won’t absorb moisture or support fungus growth
- Limited lifetime warranty
- Formaldehyde-free, no added dyes or acrylics

www.certainteed.com/insulsafesp

**INSULATION RETROFIT MARKET**

Government incentives are helping to drive the market:

- Homeowner investment is partially offset by federal incentives.
- Many state and local energy efficiency incentives are also available.
- Funding for low-income weatherization has increased.
- 46 million U.S. homes either have no insulation or are woefully under-insulated.

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*Energy Information Administration*

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*InsulSafe SP Has Great Potential in the Retrofit Market* Cert. #00048
The innovators of premium blowing insulation

InsulSafe® was introduced in the early 1980s as the first insulation product developed specifically for blowing applications. Builders, insulation contractors and building owners have trusted the proven performance of InsulSafe for more than a quarter of a century.

InsulSafe SP was developed based on research and technological enhancements, which provides you with a product that continues to give you the reliable coverage you expect from CertainTeed.

VERSATILE AND EFFICIENT
While InsulSafe SP is an excellent choice for new construction projects, it is also an outstanding option for retrofit applications—attics and walls—especially when compared to cellulose.

- Fewer packages needed—less labor, handling and jobsite trash
- Higher R-value per inch—higher wall R-values
- EPA and BPI approved for weatherization programs and dense-packing retrofit applications
- GREENGUARD® GOLD for indoor air quality
- High recycled glass content—exceeds EPA’s Recovered Materials Advisory Notice
- Won’t absorb moisture or support mold growth
- Naturally noncombustible; no fire-retardant chemicals added
- Doesn’t settle
- Less dust

COVERS EVERY NOOK AND CRANNY
Because it’s blown in, InsulSafe SP covers every nook and cranny in an attic or wall cavity. It installs quickly, cleanly and easily, and is lightweight so it can be blown in right over current attic insulation by a professional insulation contractor.

BPI-102, “Standard for Air Resistance of Thermal Insulation Used in Retrofit Cavity Applications — Material Specification,” in BPI’s approved technical standard for insulation used in air sealing, and requires that such products limit maximum air permance to 3.5 cfm/ft² (as measured using ASTM C532). InsulSafe SP achieves this permance rating at a density of 2.7 lbs/ft³. This compares to 3.5 lbs/ft³ for cellulose.
EASY INSTALLATION
Contractors can easily install InsulSafe SP with a wide range of blowing machines and settings. Proper installation of InsulSafe SP gives you the consistent performance and value that customers are looking for, which means they’ll be getting the right R-value at the right value.

SUSTAINABLE ENERGY EFFICIENCY
CertainTeed is committed to promoting sustainable building practices and providing insulation products that contribute to green building. CertainTeed is a member of the United States Green Building Council (USGBC) and has developed a comprehensive Building Science program that provides education on sustainable building techniques to save energy and improve building performance.

InsulSafe SP improves energy efficiency and reduces energy consumption. This product helps conserve nonrenewable energy sources, reduces dependence on foreign oil and decreases greenhouse gas emissions. It also has significant recycled content.

InsulSafe SP is formaldehyde-free and is GREENGUARD Gold Certified for superior indoor air quality. This means that InsulSafe SP is tested by a third party to confirm that emissions of formaldehyde, volatile organic compounds (VOCs), respirable particles and other pollutants are below strict standards.

ATTIC APPLICATION COVERAGE CHART

<table>
<thead>
<tr>
<th>R-VALUE</th>
<th>NO. BAGS PER 1,000 ft² NET AREA</th>
<th>MAXIMUM NET COVERAGE</th>
<th>MINIMUM WEIGHT</th>
<th>INITIAL INSTALLED THICKNESS</th>
<th>MINIMUM SETTLED THICKNESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>To obtain a thermal resistance (R) of:</td>
<td>No. of Bags</td>
<td>Content of bag should not cover more than: (ft²)</td>
<td>Weight per sq. ft. of installed insulation should not be less than: (lbs./ft²)</td>
<td>Installed insulation should not be less than: (in.):</td>
<td>Installed insulation should not be less than: (in.):</td>
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<tr>
<td>60</td>
<td>28.9</td>
<td>34.5</td>
<td>0.897</td>
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<td>49</td>
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<td>42.6</td>
<td>0.727</td>
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</tbody>
</table>

Initial installed thickness testing per ASTM C1374 using Uhlsol Volu-Matic® II; 3rd gear, 14-inch gate opening; 150 ft. x 3-1/2-inch diameter internally corrugated blowing hose; arc length 12–15 feet.

Zone Department of Energy Recommendations

CertainTeed's Recommendations

2012 IECC Requirement**

1 R-30 to R-49 R-49 R-30
2 R-30 to R-60 R-60 R-38
3 R-30 to R-60 R-60 R-38
4 R-38 to R-60 R-60 R-49
5 R-49 to R-60 R-60 R-49
6-8 R-49 to R-60 R-60 R-49

**Minimum requirement for federal tax credit eligibility
R-values reflect the ability of insulation to resist the flow of heat, out of a home in the winter and into a home in the summer. The higher the R-value, the greater the insulating power and the greater the potential energy savings. A higher R-value also ensures a more comfortable home by maintaining an optimal temperature range in the home.
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