

# InsulSafe<sup>®</sup> SP

- EXCELLENT COVERAGE
- THERMALLY EFFICIENT
- NONCOMBUSTIBLE
- WON'T SETTLE
- LASTS FOR THE LIFE OF A HOME
- SUSTAINABLE ENERGY EFFICIENCY
- GREENGUARD<sup>®</sup> CHILDREN AND SCHOOLS 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

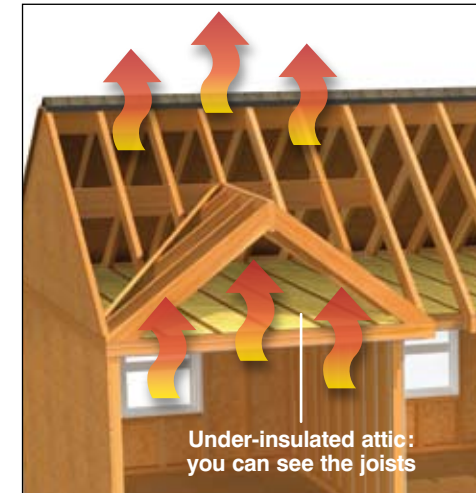


[www.certainteed.com/insulsafesp](http://www.certainteed.com/insulsafesp)

**CertainTeed**  
SAINT-GOBAIN

## InsulSafe SP has Great Potential in the Retrofit Market

25% of energy is lost through the roof\*



\*Energy Information Administration

### INSULATION RETROFIT MARKET

- 80+ million U.S. homes are more than 30 years old.
- Most of these homes are under-insulated.
- Adding attic insulation is the most effective way to improve home energy efficiency.

### 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.



**ASK ABOUT ALL OF OUR OTHER CERTAINTEED<sup>®</sup> PRODUCTS AND SYSTEMS:**

ROOFING • SIDING • TRIM • WINDOWS • DECKING • RAILING • FENCE  
INSULATION • GYPSUM • CEILINGS • FOUNDATIONS • PIPE

[www.certainteed.com/insulation](http://www.certainteed.com/insulation)

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Code No. 30-24-311

  
SAINT-GOBAIN

CertainTeed  
**InsulSafe<sup>®</sup> SP**  
Fiber Glass Blowing Insulation



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**InsulSafe<sup>®</sup> SP**

Fiber Glass Blowing Insulation  
Aislamiento por Soplado de Fibra de Vidrio

Loose Fill Applications

- the world's most advanced
- no voids - prevents settling
- thermal and acoustic insulation
- does not settle
- non-combustible
- GREENGUARD<sup>®</sup> certified
- el aislamiento más avanzado
- sin vacíos - previene el asentamiento
- aislamiento térmico y acústico
- no se asienta
- no es combustible
- con certificación GREENGUARD<sup>®</sup>

**CertainTeed**  
SAINT-GOBAIN

# 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—this 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® Children and Schools Certified for indoor air quality
- High recycled glass content—exceeds EPA's Recovered Materials Advisory Notice
- Won't absorb moisture or support mold growth
- Naturally non-combustible; 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.

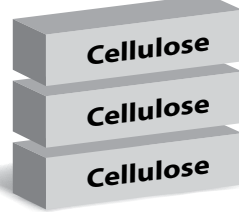
**InsulSafe® SP vs. Cellulose**

**To insulate a 1,000 sq. ft. attic:  
15 packages vs. 46 packages**

Fiber Glass:  
Less waste &  
easy to transport



1 package of CertainTeed InsulSafe® SP at R-30 covers 67.1 sq. ft.



It can take up to 3 packages of cellulose to cover 65.1 sq. ft. at R-30  
**Based on 22 lb. package**

In wall applications, 1 bag of InsulSafe SP = approximately 2 bags of cellulose.  
In attic applications, 1 bag of InsulSafe SP = approximately 3 bags of 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 reduces greenhouse gas emissions. It also has significant recycled content.

InsulSafe SP is formaldehyde-free and is GREENGUARD Children and Schools 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.

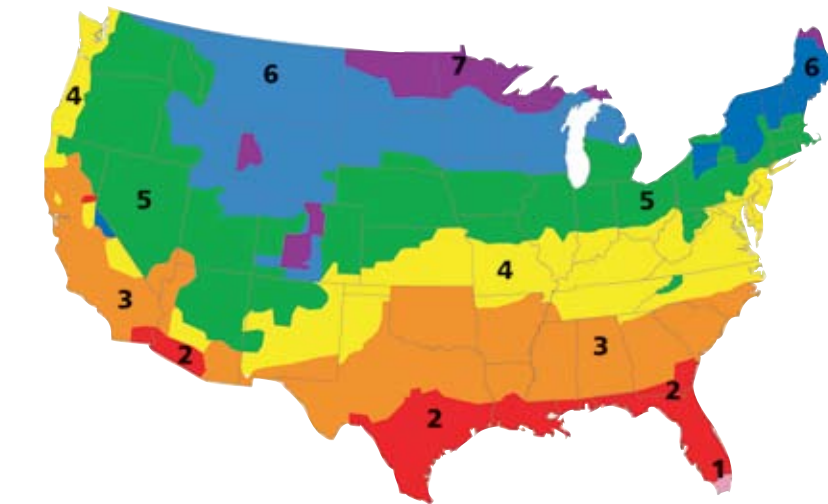
## ATTIC APPLICATION COVERAGE CHART

R-VALUE	NO. BAGS PER 1,000 SQ.FT. NET AREA	MAXIMUM NET COVERAGE	MINIMUM WEIGHT	INITIAL INSTALLED THICKNESS	MINIMUM SETTLED THICKNESS
To obtain a thermal resistance (R) of:	No. of Bags	Content of bag should not cover more than: (sq. ft.)	Weight per sq. ft. of installed insulation should not be less than: (lbs./sq. ft.)	Installed insulation should not be less than: (inches)	Installed insulation should not be less than: (inches)
R-60	31.4	31.9	0.972	22.00	22.00
R-49	25.2	39.7	0.780	18.50	18.50
R-44	22.4	44.6	0.695	16.75	16.75
R-38	19.1	52.5	0.591	14.50	14.50
R-30	14.9	67.1	0.462	11.75	11.75
R-26	12.8	77.9	0.398	10.25	10.25
R-22	10.8	92.9	0.334	8.75	8.75
R-19	9.3	107.4	0.289	7.75	7.75
R-13	6.2	161.7	0.192	5.25	5.25
R-11	5.3	190.5	0.163	4.50	4.50

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



## ATTIC INSULATION LEVELS



Zone	Department of Energy Recommendations	CertainTeed's Recommendations	2009 IECC Requirement
1	R-30 to R-49	R-49	R-30
2	R-30 to R-60	R-60	R-30
3	R-30 to R-60	R-60	R-30
4	R-38 to R-60	R-60	R-38
5	R-49 to R-60	R-60	R-38
6-8	R-49 to R-60	R-60	R-49

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.



## GET SMART ABOUT BUILDING SCIENCE

Building Science continues to gain attention and grow in importance. A number of factors—from code requirements to increased media coverage—have brought this issue to the forefront. CertainTeed understands the role insulation and innovative products like InsulSafe SP play in the overall integrity of a building system. We have a dedicated Building Science department that works regularly with building professionals to solve critical building envelope issues and provide solutions that have a positive and lasting effect on the industry.

Find more Building Science resources at [www.certainteed.com/building-science](http://www.certainteed.com/building-science) and [blog.certainteed.com](http://blog.certainteed.com).

BPI-102, "Standard for Air Resistance of Thermal Insulation Used in Retrofit Cavity Applications — Material Specification," is BPI's approved technical standard for insulation used in air sealing, and requires that such products limit maximum air permeance to 3.5 cfm/ft² (as measured using ASTM C522). InsulSafe SP achieves this permeance rating at a density of 2.2 lbs/ft³. This compares to 3.5 lbs/ft³ for cellulose.