

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



# 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> 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



# 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.

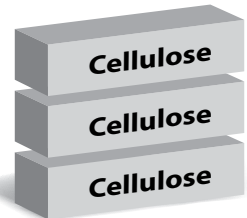
### InsulSafe® SP vs. Cellulose

To insulate a 1,000 sq. ft. attic:  
13.8 packages vs. 35.6 packages

**Fiber Glass:**  
Less waste &  
easy to transport



1 package of  
CertainTeed InsulSafe® SP  
at R-30 covers 72.5 sq. ft.



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

In wall applications, 1 bag of InsulSafe SP = approximately 2.5 bags of cellulose.  
In attic applications, 1 bag of InsulSafe SP = approximately 2.7 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 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.

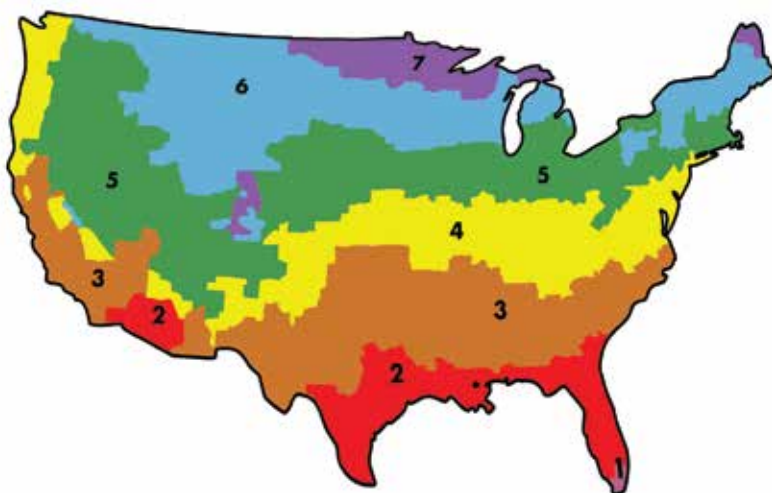


## ATTIC APPLICATION COVERAGE CHART

R-VALUE	NO. BAGS PER 1,000 ft <sup>2</sup> 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: (ft <sup>2</sup> )	Weight per sq. ft. of installed insulation should not be less than: (lbs./ft <sup>2</sup> )	Installed insulation should not be less than: (in.):	Installed insulation should not be less than: (in.):
60	28.9	34.5	0.897	21.75	21.75
49	23.5	42.6	0.727	18.25	18.25
44	20.8	48.0	0.646	16.50	16.50
38	17.9	55.7	0.556	14.50	14.50
30	13.8	72.5	0.427	11.50	11.50
26	11.8	84.8	0.366	10.00	10.00
22	9.9	101.4	0.306	8.50	8.50
19	8.6	116.2	0.267	7.50	7.50
13	5.9	170.4	0.182	5.25	5.25
11	5.0	200.5	0.155	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	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.



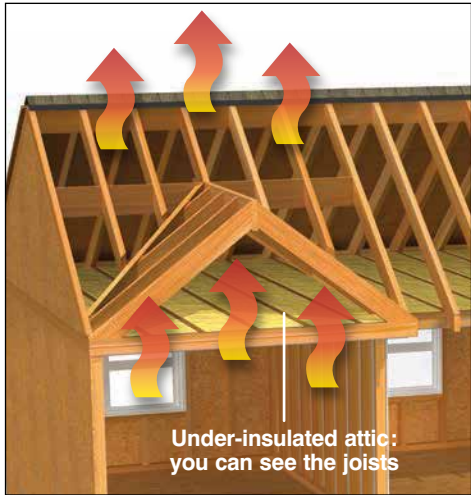
## GET SMART ABOUT BUILDING SCIENCE

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/buildingscience](http://www.certainteed.com/buildingscience)

# InsulSafe SP Has Great Potential in the Retrofit Market

**25% of energy is lost through the roof\***



\*Energy Information Administration

## INSULATION 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.

## 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.



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