

Specification Sheet

InsulSafe® SP Fiber Glass Blowing Insulation for use in the Blow-In-Blanket® System

1. PRODUCT NAME

InsulSafe® SP Fiber Glass Blowing Insulation for use in the Blow-In-Blanket® System

2. MANUFACTURER

CertainTeed Corporation
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3. PRODUCT DESCRIPTION

Basic Use: The Blow-In-Blanket System is a patented and trademarked insulating process available through Blow In Blanket, Inc. using InsulSafe SP glass fibers. The system calls for blowing the insulation into wall cavities covered with netting or IsoMesh® fabric. The system is used in residential and commercial construction for thermal and acoustical insulation.

Benefits: InsulSafe SP is noncombustible, noncorrosive and odor free. In addition, InsulSafe SP won't settle, contains no chemicals to cause mildew and fungus growth, provides no sustenance for vermin, contains no asbestos, won't rot or decay and won't absorb moisture.

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.

Composition and Materials:

InsulSafe SP is an unbonded, white, virgin fiber, loose-fill fiber glass insulation designed for pneumatic application.

Limitations: This product is designed for use at ambient temperatures in interior (weather protected) locations. The InsulSafe SP fiber glass product should be kept dry during shipping and storage.

4. TECHNICAL DATA

Applicable Standards:

- Model Building Codes:
 - ICC International Code Council)
 - (New York City MEA 218-85M)
 - (New York State NYS UFPBC Article 15)
 - (California and Minnesota Quality Standards)

Material Standards:

- ASTM C764, Mineral Fiber Loose-Fill Thermal Insulation Type 1 – Pneumatic application Properties:
 - Thermal resistance — ASTM C518 and C687
 - Critical radiant flux — ASTM E970
 - Combustion characteristics — ASTM E136
 - Water vapor sorption — ASTM C1104
 - Odor emission — ASTM C1304
 - Corrosiveness — ASTM C764
 - Fungi resistance — ASTM C1338

Fire Resistance:

- Fire Hazard Classification:
 - (UL 723, ASTM E84)
Max. Flame Spread Index; 5



Max. Smoke Dev. Index; 5

- Noncombustibility:

– (ASTM E136)

Meets requirements

Thermal Acoustical Properties:

- Thermal Performance:
 - (ASTM C518) The stated R-Values in BIBS for sidewall application on the back of this sheet are achieved at weights and coverages specified when insulation is installed with pneumatic equipment in accordance with CertainTeed recommendations.

Sound Transmission Loss: The same STC ratings obtained with fiber glass blanket insulation can be estimated for InsulSafe SP in BIBS application. Request CertainTeed's **Sound Control** guide (30-28-008), for more information on the subject.

Quality Assurance: Many of our manufacturing plants are registered to ISO 9001-2000 standards.

5. INSTALLATION

Installation procedures and techniques must be as recommended by CertainTeed Corporation and Blow-In-Blanket, Inc. Only qualified contractors certified by Blow-In-Blanket, Inc. may install the Blow-In-Blanket System with InsulSafe SP.

Please refer to InsulSafeSP Installation Instruction Manual 30-24-302.

6. AVAILABILITY AND COST

Manufactured and sold throughout the United States. For availability and cost contact CertainTeed Sales Support Group in Valley Forge, PA at (800) 233-8990. To find a contractor near you, please visit www.certainteed.com/insulation-contractors

Sidewall Applications

When installed with BIBS equipment in wall cavities, the following thermal performance based on a nominal 31-lb. bag is achieved at the thicknesses, weights and coverages specified:

THICKNESS		R-VALUE		MIN. BAGS FOR 1000 FT ²	MIN. BAGS FOR 100M ²	DENSITY		MINIMUM WEIGHT		MAXIMUM NET COVERAGE	
in.	mm	R	RSI	#	#	lbs./ft ³	kg/m ³	lbs./ft ²	kg/m ²	ft ²	m ²
3 1/2 (2X4)	89	14	2.5	16.9	18.2	1.8	28.9	0.525	2.566	59.0	5.5
3 1/2 (2X4)	89	15	2.6	21.6	23.3	2.3	36.9	0.671	3.278	46.2	4.3
5 1/2 (2X6)	140	22	3.9	26.6	28.6	1.8	28.9	0.825	4.032	37.6	3.5
5 1/2 (2X6)	140	23	4.1	34.0	36.6	2.3	36.9	1.054	5.152	29.4	2.7
7 1/4 (2X8)	184	29	5.1	35.1	37.8	1.8	28.9	1.088	5.315	28.5	2.6
7 1/4 (2X8)	184	31	5.5	44.8	48.3	2.3	36.9	1.390	6.791	22.3	2.1
9 1/4 (2X10)	235	37	6.5	44.8	48.2	1.8	28.9	1.388	6.781	22.3	2.1
9 1/4 (2X10)	235	39	6.9	57.2	61.6	2.3	36.9	1.773	8.664	17.5	1.6

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 this insulation is installed properly.

7. WARRANTY

Refer to CertainTeed's Limited Lifetime Insulation Warranty for InsulSafe SP (30-24-308).

8. MAINTENANCE

No maintenance required.

9. TECHNICAL SERVICES

Technical assistance can be obtained from your local CertainTeed sales representative, or by calling

CertainTeed Sales Support Group in Valley Forge, PA at (800) 233-8990, or by calling Blow-In-Blanket, Inc. in Denver, CO at (800) 525-8992 or (303) 934-7772.

10. FILING SYSTEMS

Additional product information available upon request.



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