



**SUBMITTAL FORM**  
**All GreenFiber Products**

Date: \_\_\_\_\_

Submitted to: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Job Reference: \_\_\_\_\_

Job Name: \_\_\_\_\_

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# UNITED STATES

Product Type	Product Code	Description	Minimum Thickness (inches)		R-value	Applicable Standards / Specifications
			Installed	Settled		
GreenFiber Stabilized Attic Insulation	INS500	Designed for stabilized attic applications. Made of 85% recycled paper fibers treated for fire resistance.	3.62	3.51	R-13	Federal Regulation 16 CFR 1209, 16 CFR 1404, 16 CFR 460. ASTM C-739, ASTM E-84, Flame Spread Index <25, Smoke Developed Index <50. ICC-ES ESR-1996 Report
			5.29	5.14	R-19	
			8.36	8.11	R-30	
			10.59	10.27	R-38	
			13.65	13.24	R-49	
GreenFiber All Borate Stabilized Wall Spray Insulation	INS735	Designed for spray applied wall applications. Can also be used in stabilized attic, floor and any dry-dense pack applications. Made of 85% recycled paper fibers treated for fire resistance.	3.6	3.5	R-13	Federal Regulation 16 CFR 1209, 16 CFR 1404, 16 CFR 460. ASTM C-739, ASTM E-84, Flame Spread Index <25, Smoke Developed Index <50. ICC-ES ESR-1996 Report
			5.3	5.1	R-19	
			10.6	10.3	R-38	
			<b>Framing</b>	<b>Minimum Thickness</b>	<b>(Sidewalls)</b>	
			Furring	2	R-7.4	
			(2x4)	3.5	R-13	
			(2x6)	5.5	R-20.4	
GreenFiber Loose Fill Attic Insulation	INS510LD	Designed for loose-fill attic applications. Made of 85% recycled paper fibers treated for fire resistance.	4.1	3.7	R-13	Federal Regulation 16 CFR 1209, 16 CFR 1404, 16 CFR 460. ASTM C-739, ASTM E-84, Smoke Developed Index <450. ICC-ES ESR-1996 Report
			5.9	5.3	R-19	
			9.2	8.3	R-30	
			11.6	10.5	R-38	
			14.9	13.4	R-49	
GreenFiber All Borate Loose Fill Attic and Wall Insulation	INS760LD	Designed for loose-fill attic or new construction dry dense pack applications. Made of 85% recycled paper fibers treated for fire resistance.	4.1	3.7	R-13	Federal Regulation 16 CFR 1209, 16 CFR 1404, 16 CFR 460. ASTM C-739, ASTM E-84, Smoke Developed Index <450. ICC-ES ESR-1996 Report
			5.9	5.3	R-19	
			9	8.1	R-30	
			11.2	10.1	R-38	
			14.1	12.7	R-49	
GreenFiber Premium All Borate Retrofit Wall Insulation	INS770LD	Premium Blend Insulation designed for retrofit dry dense pack walls or loose fill attic applications. Made of 85% recycled paper fibers treated for fire resistance.	4.1	3.7	R-13	Federal Regulation 16 CFR 1209, 16 CFR 1404, 16 CFR 460. ASTM C-739, ASTM E-84, Smoke Developed Index <450. ICC-ES ESR-1996 Report
			6.1	5.5	R-19	
			9.4	8.5	R-30	
			11.8	10.6	R-38	
			15.1	13.6	R-49	

**Definitions:**

“Stabilized” refers to the blown application of a product using a damp spray application.

“Loose Fill” refers to the blown application of a product using a dry application.

\*As certified by SCS, GreenFiber maintains a minimum 85% recycled content.

GreenFiber Blow in Natural Fiber Insulation	INS541LD	Designed for loose-fill attic applications. Made of 85% recycled paper fibers treated for fire resistance.	4.3	3.9	R-13	Federal Regulation 16 CFR 1209, 16 CFR 1404, 16 CFR 460. ASTM C-739, ASTM E-84, Smoke Developed Index <450. ICC-ES ESR- 1996 Report
			6.1	5.6	R-19	
			9.6	8.6	R-30	
			12	10.8	R-38	
			15.2	13.7	R-49	

CANADA						
Product Type	Product Code	Description	Minimum Thickness (mm)		RSI	Applicable Standards / Specifications
			Installed	Settled		
GreenFiber Stabilized Attic Insulation	INS500-CAN	Designed for stabilized attic applications. Made of 85% recycled paper fibers treated for fire resistance.		218	RSI 5.6	CAN/ULC-S703 CAN/ULC-S102.2
				273	RSI 7.0	
				300	RSI 7.7	
				343	RSI 8.8	
				409	RSI 10.6	
GreenFiber Loose Fill Attic Insulation	INS552LD-CAN	Designed for loose-fill attic or new construction dry dense pack applications. Made of 85% recycled paper fibers treated for fire resistance.	250	225	RSI 5.6	CAN/ULC-S703 CAN/ULC-S102.2
			311	280	RSI 7.0	
			386	348	RSI 8.8	
			462	415	RSI 10.6	
GreenFiber Blow in Natural Fiber Insulation	INS550LD-CAN	Designed for loose-fill attic applications. Made of 85% recycled paper fibers treated for fire resistance.	244	218	RSI 5.6	CAN/ULC-S703 CAN/ULC-S102.2
			306	273	RSI 7.0	
			336	300	RSI 7.7	
			385	343	RSI 8.8	
			458	409	RSI 10.6	

Definitions:

"Stabilized" refers to the blown application of a product using a damp spray application.

"Loose Fill" refers to the blown application of a product using a dry application.

\*As certified by SCS, GreenFiber maintains a minimum 85% recycled content.

## GREENFIBER PRODUCT ATTRIBUTES

### SCS (Scientific Certification Systems) Certification for Recycled Content

- SCS provides material content certification assessment services to manufacturers offering products made from recycled or biodegradable materials.
- SCS Certifies GreenFiber will maintain a minimum of 85% recycled content. GreenFiber insulation contains a mix of pre- and post consumer recycled materials. 55% Post consumer material and 35% pre-consumer material.



### Higher R-value

- GreenFiber Insulation provides a high R-value per inch. This means you can realize more insulating performance with less material which will save you money.\*
- The Insulation fills tiny cavities and surrounds plumbing pipes and electrical wiring. It fills gaps where energy can escape and reduces air infiltration.

*\*The R-value per inch of this insulation varies with thickness. The thicker the insulation, the lower the R-value per inch.*

### Environmentally Friendly

- GreenFiber natural fiber insulation consists of 85% recycled content. It is manufactured without using formaldehyde, asbestos, mineral fiber or fiber glass.
- GreenFiber production process utilizes energy on demand, using 10 times less energy than competitive insulation manufacturers.\*

*\* This comparison is based on the R-19 R-value in a one-square-foot area and includes the production and energy used in the insulation manufacturing process.*

### Better Sound Control

- GreenFiber insulation is two to three times denser than other insulation products. This density helps protect your home from fire and absorbs unwanted noise.
- In open attics, GreenFiber Insulation easily forms around irregular construction details and stays in place, fitting snugly against framing members and even moderate slopes.

### Added Fire Safety

- GreenFiber Insulation has earned a Class 1 or Class A fire rating as determined by ASTM E84.
- GreenFiber insulation is treated with safe fire retardants that exceed test requirements set by the Consumer Product Safety Commission (CPSC) standard 16 CFR Part 1209.
- Building assemblies resist fire longer when using GreenFiber Insulation than when using other materials. In a test conducted at the Maryland Fire and Rescue Institute, the structure with GreenFiber Insulation stood 57% longer than the structure with fiber glass insulation.

### Test Requirements

- GreenFiber insulation meets all test requirements of ASTM C739 (US), CAN/ULC-S703 in Canada, and all FHA, VA, HUD and building code requirements. Tests include but are not limited to:
  - Corrosiveness
  - Critical Radiant Flux
  - Design Density
  - Flame Spread Permanency
  - Fungi Resistance
  - Moisture Vapor Sorption
  - Odor Emission
  - Separation of Chemicals
  - Smoldering Combustion
  - Surface Burning Characteristics
  - Thermal Resistance

*US GreenFiber (USGF) does not provide architectural, inspection or engineering services and disclaims any responsibility with respect thereto. USGF does not guarantee, warrant or attempt to determine whether a building structure, design or the use of materials therein complies with any applicable codes, standards, guidelines or standards of workmanship. The user maintains the full and complete responsibility to comply with all codes, laws and regulations applicable to the safe and proper use, handling and installation of the product and should consult with an architect and/or engineer for all construction and design related questions. The information contained herein is believed to be accurate as of the time of preparation. However, USGF makes no warranty concerning the accuracy of this information. USGF will not be liable for claims relating to the use of information contained herein, regardless of whether it is claimed that the information or recommendations are inaccurate, incomplete or incorrect.*