

SUBMITTAL FORM
All GreenFiber Products



Date: _____

Submitted to: _____

Submitted by: _____

Job Reference: _____

Job Name: _____

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GREENFIBER PRODUCT ATTRIBUTES

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.

Added Fire Safety

- 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.

SCS (Scientific Certification Systems) Certification for Recycled Content

- 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.



Environmentally Friendly

- GreenFiber production process utilizes energy on demand, using 10 times less energy than competitive insulation manufacturers.¹

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

UNITED STATES

Product Type	Product Code	Description	R-value	Minimum Thickness (inches)		Applicable Standards / Specifications
				Installed	Settled	
Stabilized Formula	INS500	Designed for new construction or retrofit stabilized attic applications. Made of 85% recycled paper fibers ² treated for fire resistance.	R-13	3.92	3.64	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
			R-19	5.74	5.34	
			R-30	9.00	8.37	
			R-38	11.32	10.53	
			R-49	14.45	13.44	
All Borate Stabilized Formula	INS735	Designed for new construction spray applied wall applications. Can also be used in stabilized attic, floor and any dry-dense pack applications. Made of 85% recycled paper fibers ² treated for fire resistance.	R-13	3.60	3.50	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
			R-19	5.30	5.10	
			R-38	10.60	10.30	
			(Sidewalls)	Wall Framing	Minimum Thickness	
			R-7.4	Furring	2.00	
			R-13	(2x4)	3.50	
			R-20.4	(2x6)	5.50	
All Borate Stabilized Formula	INS745	Designed for new construction or retrofit stabilized attic applications. Made of 85% recycled paper fibers ² treated for fire resistance.	R-13	3.87	3.60	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
			R-19	5.68	5.28	
			R-30	8.89	8.27	
			R-38	11.18	10.40	
			R-49	14.28	13.28	
Loose Fill Formula	INS515LD (Low Dust)	Designed for new construction or retrofit loose-fill attic and wall applications. Made of 85% recycled paper fibers ² treated for fire resistance.	R-13	4.01	3.61	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
			R-19	5.88	5.29	
			R-30	9.22	8.30	
			R-38	11.60	10.44	
			R-49	14.82	13.34	
All Borate Loose Fill Formula	INS765LD (Low Dust)	Designed for new construction or retrofit loose-fill attic and wall applications. Made of 85% recycled paper fibers ² treated for fire resistance.	R-13	3.99	3.59	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
			R-19	5.86	5.27	
			R-30	9.19	8.27	
			R-38	11.57	10.41	
			R-49	14.78	13.30	
Premium All Borate Loose Fill Formula	INS770LD (Low Dust)	Premium Blend Insulation designed for retrofit dry dense pack walls or loose fill attic applications. Made of 85% recycled paper fibers ² treated for fire resistance.	R-13	4.18	3.76	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
			R-19	6.06	5.45	
			R-30	9.42	8.48	
			R-38	11.82	10.64	
			R-49	15.08	13.57	

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.

UNITED STATES - continued

Product Type	Product Code	Description	R-value	Minimum Thickness (inches)		Applicable Standards / Specifications
				Installed	Settled	
GreenFiber Blow in Natural Fiber Insulation	INS541LD (Low Dust)	Designed for loose-fill attic and wall applications. Made of 85% recycled paper fibers ² treated for fire resistance.	R-13	4.29	3.86	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
			R-19	6.19	5.57	
			R-30	9.57	8.62	
			R-38	11.97	10.77	
			R-49	15.20	13.68	

CANADA

Product Type	Product Code	Description	RSI	Minimum Thickness (mm)		Applicable Standards / Specifications
				Applied	Settled	
Stabilized Formula	INS500-CAN	Designed for new construction or retrofit stabilized attic applications. Made of 85% recycled paper fibers ² treated for fire resistance.	RSI 5.6	238	221	CAN/ULC-S703 CAN/ULC-S102.2
			RSI 7.0	297	277	
			RSI 7.7	327	304	
			RSI 8.8	374	348	
			RSI 10.6	450	419	
GreenFiber Loose Fill Attic Insulation	INS552LD-CAN (Low Dust)	Designed for new construction or retrofit loose-fill attic and wall applications. Made of 85% recycled paper fibers ² treated for fire resistance.	RSI 5.6	250	225	CAN/ULC-S703 CAN/ULC-S102.2
			RSI 7.0	311	280	
			RSI 8.8	386	348	
			RSI 10.6	462	415	
GreenFiber Blow in Natural Fiber Insulation	INS550LD-CAN (Low Dust)	Designed for loose-fill attic and wall applications. Made of 85% recycled paper fibers ² treated for fire resistance.	RSI 5.6	244	218	CAN/ULC-S703 CAN/ULC-S102.2
			RSI 7.0	306	273	
			RSI 7.7	336	300	
			RSI 8.8	385	343	
			RSI 10.6	458	409	

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.

¹This 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.

²As certified by SCS, GreenFiber maintains a minimum 85% recycled content.

US GreenFiber (USGF) does not provide architectural, inspection, engineering or building science 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 material therein complies with any applicable codes, standards, guidelines or standards of workmanship. Adding insulation to any part of a home's envelope will cause changes in air, heat and moisture flow. The user must understand how the use of insulation will change the performance of a dwelling prior to installation. 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, engineer, building scientist, and/or a rater/energy specialist for all construction, design and performance 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.