



SUBMITTAL FORM
All GreenFiber Products

Date: _____

Submitted to: _____

Submitted by: _____

Job Reference: _____

Job Name: _____

GreenFiber Corporate Office
2500 Distribution Street, Suite 200
Charlotte, NC 28203
800.228.0024 / www.greenfiber.com

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 Stabilized Floor Insulation	INS730	Designed for stabilized floor 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	
			11.15	10.81	R-40	
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 application. 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	
			Framing	Minimum Thickness	(Sidewalls)	
			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	

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 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	
GreenFiber Blow in Natural Fiber Insulation	INS551LD	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	5.4	R-19	
			9.3	8.4	R-30	
			11.7	10.5	R-38	
			15	13.5	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	INS510LD-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:

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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

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