

THIS IS THERMOSHIELD™ LOOSE FILL CELLULOSE INSULATION

ThermoShield provides outstanding thermal performance, fire-resistance and sound control. Consisting of up to 85% recycled content, ThermoShield Insulation is specially treated for flame resistance.

R-value means resistance to heat flow - the higher the R-value, the greater the insulation power.

**CERTIFICATION:**

This insulation has been installed in conformance with the above recommendations, to provide a value of R-\_\_\_\_\_ using \_\_\_\_\_ bags of this insulation to cover \_\_\_\_\_ square feet of area.

Builder's Signature: \_\_\_\_\_

Company Name: \_\_\_\_\_

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

Applicator's Signature: \_\_\_\_\_

Company Name: \_\_\_\_\_

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

Application Coverage Chart				23.25 lbs (10.6 kg)				INS553LD-CAN			
Dry install only – do not add water											
Thermal Resistance		Minimum Applied Thickness		Minimum Design (Settled) Thickness		Maximum Coverage Per Bag (no adjustment for framing)				Bags Required	
						Mass Per Unit Area		Maximum Coverage per Bag		100 m2	100 ft2
RSI	R Value	mm	inch	mm	inch	kg/m <sup>2</sup>	lb/ft <sup>2</sup>	m <sup>2</sup> /Bag	ft <sup>2</sup> /Bag	Bags	Bags
m <sup>2</sup> KW	h ft <sup>2</sup> F/Btu									Bags	Bags
1.8	10	76.9	3.0	69	2.7	1.70	0.35	6.2	66.6	16.2	15.0
3.5	20	153.8	6.1	137	5.4	3.41	0.70	3.1	33.3	32.3	30.0
5.3	30	230.7	9.1	206	8.1	5.11	1.05	2.1	22.2	48.5	45.0
7.1	40	307.5	12.1	275	10.8	6.82	1.40	1.5	16.7	64.6	60.1
8.8	50	384.4	15.1	343	13.5	8.52	1.75	1.2	13.3	80.8	75.1
10.6	60	461.3	18.2	412	16.2	10.23	2.09	1.0	11.1	97.0	90.1
12.3	70	538.2	21.2	481	18.9	11.93	2.44	0.9	9.5	113.1	105.1
14.1	80	615.1	24.2	549	21.6	13.63	2.79	0.8	8.3	129.3	120.1
15.9	90	692.0	27.2	618	24.3	15.34	3.14	0.7	7.4	145.5	135.1
17.6	100	768.9	30.3	686	27.0	17.04	3.49	0.6	6.7	161.6	150.2

THE ABOVE COVERAGE CHART IS BASED ON A NOMINAL BAG WEIGHT OF 10.6 KG (23.25 LBS) PER CANADIAN STANDARD CAN/ULC S703-09. THE CHART IS BASED ON SETTLED THICKNESS AND IS FOR ESTIMATING PURPOSES ONLY AND ACTUAL COVERAGE IS NOT GUARANTEED BY THE MANUFACTURER. DO NOT EXCEED MAXIMUM COVERAGE PER BAG. THE APPLICATOR MUST INSTALL BOTH THE MINIMUM NUMBER OF BAGS PER UNIT AREA AND THE MINIMUM INSTALLED THICKNESS TO INSURE THE STATED R-VALUE HAS BEEN REACHED. FAILURE TO MEET BOTH THESE REQUIREMENTS MAY PREVENT THE APPLICATION OF SPECIFIED R-VALUE. THIS PRODUCT IS INTENDED FOR DRY APPLICATION ONLY. JOB CONDITIONS, APPLICATION TECHNIQUES, EQUIPMENT, AND SETTINGS CAN INFLUENCE ACTUAL COVERAGE. DO NOT ADD WATER TO THIS PRODUCT. MINIMUM NET WEIGHT IS 10.0 KG (22.1 LBS).

Dry Dense Pack Sidewall Applications (3.0 pcf minimum installed density)				23.25 lbs (10.6 kg)				INS553-CAN			
Nominal Stud Dimensions		Thermal Resistance		Installed Thickness		Minimum Weight Per Unit Area		Maximum Coverage Per Bag (no adjustment for framing)		Maximum Coverage Per Bag (Adjusted For Framing)	
		RSI	R Value							609 mm oc	24" inches oc
mm	inch	m <sup>2</sup> KW	h ft <sup>2</sup> F/Btu	mm	inch	kg/m <sup>2</sup>	lbs./ft <sup>2</sup>	m <sup>2</sup> /Bag	ft <sup>2</sup> /Bag	m <sup>2</sup> /Bag	ft <sup>2</sup> /Bag
38 x 89	2x4	2.3	13	89	3.5	4.27	0.88	2.5	26.6	2.6	28.3
38 x 140	2x6	3.5	21	140	5.5	6.71	1.38	1.6	16.9	1.7	18.0

THIS COVERAGE CHART IS FOR TYPE 1 CLOSED APPLICATIONS ONLY AND IS BASED ON THE CAN/ULC-S703-09 DESIGN REQUIREMENTS. FOR MAXIMUM COVERAGE PER BAG (ADJUSTED FOR FRAMING), THE FRAMING FACTOR FOR 24" STUD SPACING IS 6.25%. DO NOT ADD WATER TO THIS PRODUCT.

Manufactured by  
**Greenfiber**

Toll-Free 800-228-0024  
www.greenfiber.com

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Greenfiber  
5500 77 Center Drive, Suite 100  
Charlotte, NC 28217

Debert, Nova Scotia  
Casa Grande, AZ 85193  
Chandler, AZ 85225  
Decatur, AL 35601  
Tampa, FL 33605  
Eastanollee, GA 30538  
Hickory, KY 42051  
Springfield, KY 40069  
Webberville, MI 48892  
Lester Prairie, MN 55354  
Norfolk, NE 68701  
Chambersburg, PA 17201  
Wilkes Barre, PA 18702  
Waco, TX 76704  
Salt Lake City, UT 84119



UL Classified.  
see complete marking on back of packaging