

CCMC 08251-L

CCMC Standard compliance evaluation

CCMC number:	08251-L
Status:	Active
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Evaluation holder:	<p>APPLEGATEGREENFIBER 5500 77 center drive, suite 100 Charlotte NC 28217 United States Website: www.greenfiber.com Telephone: 800-228-0024</p>
Product names:	<ul style="list-style-type: none"> • Pro-Cell • RONA Eco • Thermoshield
Criteria:	CAN/ULC-S703-09, Type 1, "Standard for Cellulose Fibre Insulation for Buildings"

In most jurisdictions this document is sufficient evidence for approval by Canadian authorities.

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Product information

Product names

- Pro-Cell
- RONA Eco
- Thermoshield

Product description

The product is a Type 1, cellulose fibre thermal building insulation made from clean paper and treated with chemicals. The paper is at least 95% used, unused or a combination of both, newsprint feedstock with a permissible maximum of 5% of paper obtained from telephone directories, paperback books and glossy paper. The glossy paper content does not exceed 1%.

Manufacturing plant

This evaluation is valid only for products produced at the following plant:

Product names	Manufacturing plant
	Debert, NS, CA
Pro-Cell	☑
RONA Eco	☑
Thermoshield	☑

☑ Indicates that the product from this manufacturing facility has been evaluated by the CCMC

Technical information

This evaluation is based on demonstrated conformance with the following criteria:

Criteria number	Criteria name
CAN/ULC-S703-09, Type 1	Standard for Cellulose Fibre Insulation for Buildings

The thermal resistivity value is $24.65 \text{ m}^2 \cdot \text{KW}^{-1}$ at the design density of 24.01 kg/m^3 . This product must be applied in accordance with the following application chart.

Application coverage of the product

RSI ($\text{m}^2 \cdot \text{K} / \text{W}$)	Minimum applied thickness (mm)	Minimum design (settled) thickness (mm)	Mass per unit area (kg/m^2)	Coverage per bag (joists 38 mm × 140 mm @ 610 mm)		Coverage per bag (38 mm × 89 mm @ 406 mm)	
				Bags per 100 m ²	m ² per bag	Bags per 100 m ²	m ² per bag
1.7	77	69	1.66	13.7	7.32	13.2	7.57
2.1	95	85	2.04	16.9	5.93	16.2	6.16
2.6	118	105	2.53	20.9	4.79	20.5	4.87
3.5	159	142	3.41	28.1	3.55	28.2	3.54
4.4	200	178	4.28	35.9	2.79	36.0	2.78
5.3	241	215	5.16	43.6	2.29	43.7	2.29
5.6	254	227	5.45	46.1	2.17	46.2	2.16
7.0	318	284	6.82	58.1	1.72	58.2	1.72
8.8	399	357	8.57	73.6	1.36	73.7	1.36
10.6	481	429	10.32	89.0	1.12	89.1	1.12
12.3	558	498	11.98	103.6	0.97	103.7	0.96

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Administrative information

Use of Canadian Construction Materials Centre (CCMC) assessments

This assessment must be read in the context of the entire [CCMC Registry of Product Assessments](#), any applicable building code or by-law requirements, and/or any other regulatory requirements (for example, the [Canada Consumer Product Safety Act](#), the [Canadian Environmental Protection Act](#), etc.).

It is the responsibility of the user to confirm that the assessment they are using is current and has not been withdrawn or superseded by a later version on the [CCMC Registry of Product Assessments](#).

Disclaimer

The National Research Council of Canada (NRC) has evaluated only the characteristics of the specific product described herein. The information and opinions in this evaluation are directed to those who have the appropriate degree of experience to use and apply its contents (such as authorities having jurisdiction, design professionals and specifiers). This evaluation is valid when the product is used as part of permitted construction, respecting all conditions and limitations stated in the evaluation, and in accordance with applicable building codes and by-laws.

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Language

Une version française de ce document est disponible.

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CCMC recognition

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CCMC assessments are recognized by construction authorities across Canada:

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(Alliance of Canadian Building Official Associations (ACBOA))

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(First Nations National Building Officers Association (FNNBOA))

Canadian Home Builders' Association (CHBA)



(Canadian Home Builders' Association (CHBA))

Alberta Building Officials Association (ABOA)



(Alberta Building Officials Associations (ABOA))

Saskatchewan Building Officials Association (SBOA)



(Saskatchewan Building Officials Association (SBOA))

Manitoba Building Officials Association (MBOA)



(Manitoba Building Officials Association (MBOA))

Ontario Building Officials Association (OBOA)



(Ontario Building Officials Association (OBOA))

New Brunswick Building Officials Association (NBBOA)



(New Brunswick Building Officials Association (NBBOA))

Nova Scotia Building Officials Association (NSBOA)



(Nova Scotia Building Officials Association (NSBOA))

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For more information, contact the CCMC by phone at (613) 993-6189 or by email at ccmc@nrc-cnrc.gc.ca

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