

# CCMC 12851-L

## CCMC Standard compliance evaluation

<b>CCMC number:</b>	12851-L
<b>Status:</b>	Active
<b>Issue date:</b>	1998-02-12
<b>Modified date:</b>	2023-12-14
<b>Evaluation holder:</b>	<p><b>Owens Corning Canada Inc.</b>            3450 McNicoll Avenue            Scarborough ON M1V 1Z5            Canada            Website: <a href="http://owenscorning.ca/index.html">owenscorning.ca/index.html</a>            Telephone: 1-800-988-5269</p>
<b>Product names:</b>	<ul style="list-style-type: none"> <li>• ATTICAT®</li> <li>• PROPINK®</li> </ul>
<b>Criteria:</b>	<p>CAN/ULC-S702-14, Type 1 "Standard for Mineral Fibre Thermal Insulation For Buildings"            CAN/ULC-S702.1:2014, Amendment 1, Type 5 "Standard for Mineral Fibre Thermal Insulation for Buildings, Part 1: Material Specification"</p>

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# Product information

## Product names

- ATTICAT®
- PROPINK®

## Product description

The products are mineral fibre thermal insulation made from glass fibre and designed for pneumatic application using commercially available blowing equipment.

## Manufacturing plants

This evaluation is limited to products produced at the following plants:

Product names	Manufacturing plants	
	Edmonton, AB, CA	Scarborough, ON, CA
ATTICAT®	☑	☑
PROPINK®	☑	☑

☑ 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-S702-14, Type 1	Standard for Mineral Fibre Thermal Insulation For Buildings
CAN/ULC-S702.1:2014, Amendment 1, Type 5	Standard for Mineral Fibre Thermal Insulation for Buildings, Part 1: Material Specification

The design thermal resistance values of the product at various design thicknesses are listed in the tables below.

**Table 1. Design thermal resistance values - Owens Corning PROPINK® Fibreglas® Blown Insulation per CAN/ULC-S702-14 and CAN/ULC-S702.1-14-AMD1**

Thermal resistance (1)		Minimum installed thickness (2) (3)		Maximum coverage per bag		Minimum number of bags		Minimum mass per unit area	
RSI	R	mm	in.	m <sup>2</sup>	ft. <sup>2</sup>	per 100 m <sup>2</sup>	per 1000 ft. <sup>2</sup>	kg/m <sup>2</sup>	lb./ft. <sup>2</sup>
2.1	12	114	4.5	16.60	178.7	6.0	5.6	0.90	0.19
2.8	16	151	6.0	12.45	134.0	8.0	7.5	1.20	0.25
3.5	20	189	7.4	9.96	107.2	10.0	9.3	1.51	0.31
4.2	24	227	8.9	8.30	89.3	12.0	11.2	1.81	0.37
4.9	28	265	10.4	7.11	76.6	14.1	13.1	2.11	0.43
5.6	32	302	11.9	6.21	66.9	16.1	14.9	2.41	0.49
6.3	36	337	13.3	5.45	58.7	18.3	17.0	2.75	0.56
7.0	40	372	14.6	4.85	52.2	20.6	19.1	3.09	0.63
7.7	44	407	16.0	4.37	47.0	22.9	21.3	3.43	0.70
8.4	48	442	17.4	3.97	42.8	25.2	23.4	3.78	0.77
8.75	50	458	18.0	3.81	41.1	26.2	24.4	3.93	0.81
9.1	52	477	18.8	3.64	39.2	27.5	25.5	4.12	0.84
9.8	56	511	20.1	3.37	36.2	29.7	27.6	4.45	0.91
10.5	60	546	21.5	3.13	33.6	32.0	29.7	4.80	0.98
11.2	64	581	22.9	2.92	31.4	34.3	31.9	5.15	1.05
11.9	68	615	24.2	2.74	29.5	36.5	34.0	5.48	1.12
12.25	70	632	24.9	2.65	28.6	37.7	35.0	5.65	1.16
12.6	72	650	25.6	2.57	27.7	38.9	36.1	5.83	1.19
13.3	76	684	26.9	2.43	26.2	41.1	38.2	6.17	1.26

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14.1	80	724	28.5	2.29	24.6	43.8	40.7	6.56	1.34
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**Notes:**

- 1 To obtain the thermal resistance shown in the chart, this material must be installed at both the thickness and mass per unit area equal to or greater than the minimum value specified.
- 2 The thickness at which the insulation achieves the stated thermal resistance (design thickness). This chart uses the same column for minimum installed thickness and minimum settled thickness based on long-term settlement testing showing insignificant settlement.
- 3 Density increases as thickness increases to achieve the increasing design thermal resistance ratings in the table. To achieve the design density, the product must be blown at the rate specified by the manufacturer. Contact the manufacturer for more details.

**Table 2. Design thermal resistance values - Owens Corning AttiCat™ blown-in insulation per CAN/ULC-S702-14 and CAN/ULC-S702.1-14-AMD1**

Thermal resistance (1)		Minimum installed thickness (2) (3)		Maximum coverage per bag		Minimum number of bags		Minimum mass per unit area	
RSI	R	mm	in.	m <sup>2</sup>	ft. <sup>2</sup>	per 100 m <sup>2</sup>	per 1000 ft. <sup>2</sup>	kg/m <sup>2</sup>	lb./ft. <sup>2</sup>
2.1	12	114	4.5	15.05	162.0	6.6	6.2	0.90	0.19
2.8	16	151	6.0	11.29	121.5	8.9	8.2	1.20	0.25
3.5	20	189	7.4	9.03	97.2	11.1	10.3	1.51	0.31
4.2	24	227	8.9	7.53	81.0	13.3	12.3	1.81	0.37
4.9	28	265	10.4	6.45	69.4	15.5	14.4	2.11	0.43
5.6	32	302	11.9	5.63	60.7	17.7	16.5	2.41	0.49
6.3	36	337	13.3	4.94	53.2	20.2	18.8	2.75	0.56
7.0	40	372	14.6	4.40	47.4	22.7	21.1	3.09	0.63
7.7	44	407	16.0	3.96	42.6	25.2	23.4	3.43	0.70
8.4	48	442	17.4	3.60	38.8	27.8	25.8	3.78	0.77
8.75	50	458	18.0	3.46	37.2	28.9	26.9	3.93	0.81
9.1	52	477	18.8	3.30	35.5	30.3	28.1	4.12	0.84
9.8	56	511	20.1	3.05	32.9	32.8	30.4	4.45	0.91
10.5	60	546	21.5	2.83	30.5	35.3	32.8	4.80	0.98
11.2	64	581	22.9	2.64	28.5	37.8	35.1	5.15	1.05
11.9	68	615	24.2	2.48	26.7	40.3	37.4	5.48	1.12

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14.1	80	724	28.5	2.07	22.3	48.3	44.8	6.56	1.34

**Notes:**

- 1 To obtain the thermal resistance shown in the chart, this material must be installed at both the thickness and mass per unit area equal to or greater than the minimum value specified.
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- 3 Density increases as thickness increases to achieve the increasing design thermal resistance ratings in the table. To achieve the design density, the product must be blown at the rate specified by the manufacturer. Contact the manufacturer for more details.

**Table 3. Application and installation requirements of the products per CAN/ULC-S702-09**

Thermal resistance (m <sup>2</sup> -K/W <sup>-1</sup> ) <sup>(1)</sup>	Minimum mass/unit area (kg/m <sup>2</sup> )	Minimum installed thickness (mm) <sup>(2)</sup> <sup>(3)</sup>	Maximum coverage per 13.6 kg bag (m <sup>2</sup> )	Maximum coverage per 15 kg bag (m <sup>2</sup> )
2.10	0.90	112	15.1	16.7
2.80	1.20	150	11.4	12.5
3.50	1.50	187	9.1	10.0
4.20	1.80	225	7.6	8.3
4.90	2.10	262	6.5	7.2
5.60	2.40	299	5.7	6.3
6.30	2.70	337	5.0	5.6
7.00	2.99	374	4.5	5.0
7.70	3.29	412	4.1	4.6
8.40	3.59	449	3.8	4.2
8.75	3.74	468	3.6	4.0
9.10	3.89	487	3.5	3.9
9.80	4.19	524	3.2	3.6
10.50	4.49	561	3.0	3.3

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Canadian Home Builders' Association (CHBA)



(Canadian Home Builders' Association (CHBA))

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(Alberta Building Officials Associations (ABOA))

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