

CCMC 14060-L

CCMC Standard compliance evaluation

CCMC number:	14060-L
Status:	Active
Issue date:	2017-04-10
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Evaluation holder:	<p>Thermafiber Inc./Owens Corning</p> <p>3711 Mill Street Wabash IN 46992-7778 United States</p> <p>Website: www.thermafiber.ca Telephone: 1-800-GET-PINK Email: matthew.scheidel@owenscorning.com</p>
Product names:	<ul style="list-style-type: none"> • FireSpan® 40 • FireSpan® 90 • RainBarrier® 45 • RainBarrier® 45 Dark™ • RainBarrier® CI Max • RainBarrier® CI Plus (110) • RainBarrier® HD • RainBarrier® HD Dark™ • RainBarrier® CI High Compressive (80) • Thermafiber® Safing • VersaBoard® 35 • VersaBoard® 40 • VersaBoard® 60 • VersaBoard® 80

Criteria:

CAN/ULC-S702-14, Type 1, "Standard for Mineral Fibre Thermal Insulation For Buildings"

CAN/ULC-S702-14, Type 2, "Standard for Mineral Fibre Thermal Insulation For Buildings"

CAN/ULC-S702-14, Type 3, "Standard for Mineral Fibre Thermal Insulation For Buildings"

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

[Learn more about CCMC recognition](#) [Look for the trusted CCMC mark on products to verify compliance.](#)

Product information

Product names

- FireSpan® 40
- FireSpan® 90
- RainBarrier® 45
- RainBarrier® 45 Dark™
- RainBarrier® CI Max
- RainBarrier® CI Plus (110)
- RainBarrier® HD
- RainBarrier® HD Dark™
- RainBarrier® CI High Compressive (80)
- Thermafiber® Safing
- VersaBoard® 35
- VersaBoard® 40
- VersaBoard® 60
- VersaBoard® 80

Product description

These products have been evaluated with the following characteristics:

Table 1. Product characteristics

Product names	Type	Facer	Lengths	Widths	Thicknesses
FireSpan® 40	Type 1 or Type 3	No facer, or vapour barrier	1 219 mm, and 1 524 mm	406 mm, 610 mm, and 914 mm	25.4 mm to 203 mm
FireSpan® 90					
RainBarrier® 45					
RainBarrier® CI Max					
RainBarrier® CI Plus (110)					
RainBarrier® HD					
RainBarrier® CI High Compressive (80)					
Thermafiber® Safing					
VersaBoard® 35					
VersaBoard® 40					
VersaBoard® 60					
VersaBoard® 80					

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Product names	Type	Facer	Lengths	Widths	Thicknesses
RainBarrier® HD Dark™	Type 2	Permeable facer			51 mm to 178 mm
RainBarrier® 45 Dark™					76 mm to 178 mm

Manufacturing plant

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

Product names	Manufacturing plant
	Joplin, MO, US
FireSpan® 40	☑
FireSpan® 90	☑
RainBarrier® 45	☑
RainBarrier® 45 Dark™	☑
RainBarrier® CI Max	☑
RainBarrier® CI Plus (110)	☑
RainBarrier® HD	☑
RainBarrier® HD Dark™	☑
RainBarrier® CI High Compressive (80)	☑
Thermafiber® Safing	☑
VersaBoard® 35	☑
VersaBoard® 40	☑
VersaBoard® 60	☑
VersaBoard® 80	☑

☑ 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-S702-14, Type 2	Standard for Mineral Fibre Thermal Insulation For Buildings
CAN/ULC-S702-14, Type 3	Standard for Mineral Fibre Thermal Insulation For Buildings

The design thermal resistance values of the products at various design thicknesses are listed in following tables:

Table 2. Design thermal resistance (RSI) values of the products (m²·K/W)

Design thickness	VersaBoard® 35	VersaBoard® 40 and 60, RainBarrier® 45 and HD, RainBarrier® 45 Dark™ ⁽¹⁾ , Rainbarrier® HD Dark™ ⁽²⁾ , FireSpan® 40 and 90, Thermafiber® Safing		VersaBoard® 80
25	N/A		0.7	0.7
32	N/A		N/A	N/A
38	1.1		1.1	1.1
51	1.4		1.5	1.4
64	1.8		1.8	1.8
76	2.1		2.2	2.2
89	2.5		2.6	2.5
102	2.8		3.0	2.9
114	3.2		3.3	3.2
127	3.6		3.7	3.6
140	3.9		4.1	N/A
152	4.3		4.4	N/A
165	4.6		4.8	N/A
178	5.0		5.2	N/A

Note

¹ Manufactured at Wabash, IN plant only. Available in thicknesses from 76 mm to 178 mm.

² Manufactured at Wabash, IN plant only. Available in thicknesses from 50 mm to 178 mm.

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Table 3. Design thermal resistance (RSI) values of RainBarrier® CI products (m²·K/W)

Design thickness	RainBarrier® CI High Compressive (80) ⁽¹⁾	RainBarrier® CI Plus (110)	RainBarrier® CI Max
25	N/A	N/A	0.7
32	N/A	0.9	N/A
38	1.1	1.1	1.1
51	1.5	1.4	1.4
64	1.9	1.8	1.8
76	2.2	2.2	2.1
89	2.6	2.5	2.5
102	3.0	2.9	2.8
114	3.2	N/A	N/A
127	3.6	N/A	N/A
140	4.0	N/A	N/A
152	4.3	N/A	N/A
165	4.7	N/A	N/A
178	5.1	N/A	N/A
191	5.4	N/A	N/A
203	5.8	N/A	N/A

Note

¹ Manufactured at Joplin, MO plant only.

Administrative information

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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](#).

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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

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CCMC recognition

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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))

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(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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