

CCMC 13431-L

CCMC Standard compliance evaluation

CCMC number:	13431-L
Status:	Active
Issue date:	2009-04-02
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Evaluation holder:	<p>Owens Corning Canada Inc. 3450 McNicoll Avenue Scarborough ON M1V 1Z5 Canada Website: owenscorning.ca/index.html Telephone: 1-800-988-5269</p>
Product names:	<ul style="list-style-type: none"> • FOAMULAR® C-200 • FOAMULAR® Cel-Lok® • FOAMULAR® CodeBord® • FOAMULAR® Gridboard • FOAMULAR® Half-Inch • FOAMULAR® NGX™ C-200 • FOAMULAR® NGX™ Cel-Lok® • FOAMULAR® NGX™ CodeBord® • FOAMULAR® NGX™ Gridboard • FOAMULAR® NGX™ Half-Inch
Criteria:	CAN/ULC-S701.1:2017, Type 3 "Standard for Thermal Insulation, Polystyrene Boards"

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

- FOAMULAR® C-200
- FOAMULAR® Cel-Lok®
- FOAMULAR® CodeBord®
- FOAMULAR® Gridboard
- FOAMULAR® Half-Inch
- FOAMULAR® NGX™ C-200
- FOAMULAR® NGX™ Cel-Lok®
- FOAMULAR® NGX™ CodeBord®
- FOAMULAR® NGX™ Gridboard
- FOAMULAR® NGX™ Half-Inch

Product description

The products are pink-coloured, extruded polystyrene, rigid foam board thermal insulation.

The product is available in the dimensions available in the table below.

Table 1. Production dimensions

Product name	Length (mm)	Width (mm)	Thicknesses (mm)	Product geometry
FOAMULAR® C-200	2 438	610	25, 38, 51, 64, 76, 89, 102	Solid foam with shiplap or butted edges
FOAMULAR® NGX™ C-200				
FOAMULAR® Gridboard	2 438	1 220	51, 64, 76, 89, 102	Solid foam with shiplap or butted edges
FOAMULAR® NGX™ Gridboard				
FOAMULAR® Cel-Lok®	2 438	610	25, 38, 51, 64, 76, 89, 102	Longitudinal grooves to accommodate metal channels to which the interior finish can be attached
FOAMULAR® NGX™ Cel-Lok®				
FOAMULAR® CodeBord®	2 438	610,	20, 25, 38, 51, 64, 76, 89	Solid foam with shiplap edges
FOAMULAR® NGX™ CodeBord®		1 220		
FOAMULAR® Half-Inch	2 438	610	13	Solid foam with butted edges
FOAMULAR® NGX™ Half-Inch				

Manufacturing plants

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

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Product names	Manufacturing plants			
	Grande-Île (Valleyfield), QC, CA	Portland, OR, US	Rockford, IL, US	Tallmadge, OH, US
FOAMULAR® C-200	☑	☑	☑	☑
FOAMULAR® Cel-Lok®	☑	☑	☑	☑
FOAMULAR® CodeBord®	☑	☑	☑	☑
FOAMULAR® Gridboard	☑	☑	☑	☑
FOAMULAR® Half-Inch	☑	☑	☑	☑
FOAMULAR® NGX™ C-200	☑	☑	-	☑
FOAMULAR® NGX™ Cel-Lok®	☑	☑	-	☑
FOAMULAR® NGX™ CodeBord®	☑	☑	-	☑
FOAMULAR® NGX™ Gridboard	☑	☑	-	☑
FOAMULAR® NGX™ Half-Inch	☑	☑	-	☑

☑ 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-S701.1:2017, Type 3	Standard for Thermal Insulation, Polystyrene Boards

The following table provides the standard classification, design long term thermal resistance (LTTR), and water vapor permeance (WVP) for the products.

Table 2. Classification, design LTTR, and WVP specifications for the products

Product name	Classification	Design LTTR (m ² ·°C/W) ⁽¹⁾			WVP (ng/(Pa·s·m ²))
		Thickness			Thickness
		25 mm	50 mm	75 mm	25 mm
FOAMULAR® NGX™ C-200 ⁽²⁾	Type 3	0.85	1.65	2.47	37
FOAMULAR® NGX™ Cel-Lok® ⁽²⁾					
FOAMULAR® NGX™ CodeBord® ⁽²⁾					
FOAMULAR® NGX™ Gridboard ⁽²⁾					
FOAMULAR® NGX™ Half-Inch ⁽²⁾					
FOAMULAR® C-200	Type 3	0.85	1.69	2.55	60
FOAMULAR® Cel-Lok®					
FOAMULAR® CodeBord®					
FOAMULAR® Gridboard					
FOAMULAR® Half-Inch					

Notes:

- 1 The design LTTR value may vary slightly between plants. The laboratory determining compliance with this standard has established that all plants are producing compliant product.
- 2 This product is not produced at the Rockford, IL plant.

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](#).

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Language

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CCMC recognition

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(Alliance of Canadian Building Official Associations (ACBOA))

First Nations National Building Officers Association (FNNBOA)



(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)



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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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