

CCMC 13240-R

CCMC Canadian code compliance evaluation

CCMC number:	13240-R
Status:	Active
Issue date:	2006-04-24
Modified date:	2022-02-02
Evaluation holder:	<p>Owens Corning Canada Inc. 3450 McNicoll Avenue Scarborough ON M1V 1Z5 Canada Website: www.owenscorning.ca Telephone: 1-800-988-5269</p>
Product name:	ProPINK® Wall Insulation System
Code compliance:	NBC 2015, OBC
Evaluation requirements:	CCMC-TG-072126.02-15 "CCMC Technical Guide for Blown Mineral Fibre Insulation System with Netting for Walls"

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

[Learn more about CCMC recognition](#)

Code compliance opinion

It is the opinion of the Canadian Construction Materials Centre that the evaluated product, when used as a system to install thermal insulation in accordance with the conditions and limitations stated in this evaluation, complies with the following code:

National Building Code of Canada 2015

Code provision	Solution type
9.25.2.2.(1) Insulation Materials	<u>Acceptable</u>
9.25.2.4.(4) Where blown-in insulation is installed i ...	<u>Acceptable</u>

Ontario Building Code

Ruling No. 07-14-172 (13240-R) authorizing the use of this product in Ontario, subject to the terms and conditions contained in the Ruling, was made by the Minister of Municipal Affairs and Housing on 2007-04-15 (revised 2012-05-17) pursuant to s.29 of the Building Code Act, 1992 (see Ruling for terms and conditions). This Ruling is subject to periodic revisions and updates.

The above opinion is based on the evaluation by the CCMC of technical evidence provided by the evaluation holder, and is bound by the stated conditions and limitations. For the benefit of the user, a summary of the technical information that forms the basis of this evaluation has been included.

Product information

Product name

ProPINK® Wall Insulation System

Product description

The product is assembled at the job site and is intended for use in wood-frame constructions. It uses Owens Corning PROPINK® Complete™ Fabric, which is stapled to the wood-frame members to contain the dry-blown mineral fibre insulation material. The insulation is injected into the wall or sloped ceiling cavity with a blowing machine (see figures 1 and 2).

The thermal insulation used is Owens Corning PROPINK® Loose Fill FibreGlass Insulation, Type 5 (see CCMC 12851-L).

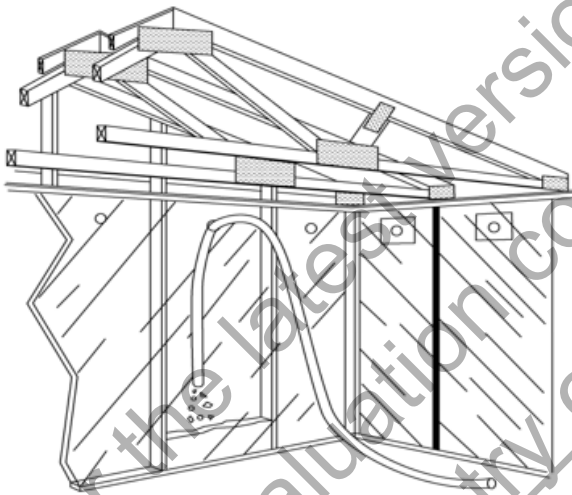


Figure 1. Wall application

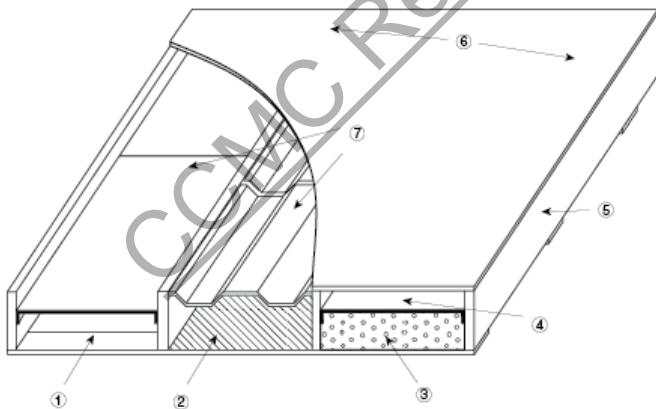


Figure 2. Sloped ceiling application

1. 25 mm × 76 mm furring at 400 mm on centre (o.c.) spacing

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2. netting or vapour barrier retaining membrane
3. insulated cavity
4. continuous ventilated air space
5. roof rafter or truss
6. roof sheathing
7. corrugated cardboard or expanded polystyrene air flow vents

Manufacturing plant

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

Product name	Edmonton, Alberta, Canada
ProPINK® Wall Insulation System	◇

◇ indicates that the product from this manufacturing facility has been evaluated by the CCMC

Conditions and limitations

The CCMC's compliance opinion is bound by this product being used in accordance with the conditions and limitations set out below.

- Installation of the product must be carried out by Owens Corning Canada installers.
- The thermal insulation product must be delivered to the building site in unopened packages. The netting must bulge less than 13 mm beyond the stud to indicate a conforming installation that provides the necessary product density.
- The insulation must be kept away from heat-emitting devices, such as recessed light fixtures, chimneys, and propane or natural gas sources, at a distance of 75 mm or the distance required by the local authority having jurisdiction (AHJ).
- The system can only be installed in cathedral ceilings that incorporate a ventilation system constructed in accordance with Subsection 9.19.1., Venting, of Division B of the NBC 2015.
- The product must be covered by an interior finish meeting Section 9.29, Interior Wall and Ceiling Finishes, of Division B of the NBC 2015.
- The installation must be in accordance with the manufacturer's installation instructions and according to the specifications in this Report.
- The installation must comply with the following table, based on cavity depth:

Application requirements for the product

RSI (m ² -K/W)	Cavity depth (mm) for 2.35 m cavity height	Applied density (kg/m ³)	Number of cavities filled per 15-kg bag
2.6	89 (at 406 mm o.c.)	22.4	7.9
4.0	140 (at 610 mm o.c.)	22.4	3.3
4.2	140 (at 610 mm o.c.)	33.6	2.2

- The product must be labelled with the manufacturer's name or logo and the phrase "CCMC 13240-R."

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Technical information

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

Criteria number	Criteria name
CCMC-TG-072126.02-15	CCMC Technical Guide for Blown Mineral Fibre Insulation System with Netting for Walls

The Report Holder has submitted technical documentation for the CCMC evaluation. Testing was conducted at laboratories recognized by the CCMC. The corresponding technical evidence for this product is summarized below.

Results of testing the performance requirements of the product

Property		Unit	Requirement	Result
Bulge	38 mm × 89 mm studs at 406 mm o.c.	mm	13	Pass
	38 mm × 140 mm studs at 610 mm o.c.	mm	13	Pass
Design density	38 mm × 89 mm studs at 406 mm o.c.	kg/m ³	≥ 25 or proponent's design density	Pass
	38 mm × 140 mm studs at 610 mm o.c.	kg/m ³	≥ 25 or proponent's design density	Pass
Density deviation from each stud space	38 mm × 89 mm studs at 406 mm o.c.	%	± 10% of design density	Pass
	38 mm × 140 mm studs at 610 mm o.c.	%	± 10% of design density	Pass
Thermal resistance at 150 mm	38 mm × 89 mm studs at 406 mm o.c.	m ² -K/W	≥ 3.6	Pass
	38 mm × 140 mm studs at 610 mm o.c.	m ² -K/W	≥ 3.6	Pass

Administrative information

Disclaimer

This evaluation is issued by the Canadian Construction Materials Centre (CCMC), a part of the Construction Research Centre at the National Research Council of Canada (NRC). The evaluation must be read in the context of the entire [CCMC Registry of Product Assessments](#) and the legislated applicable building code in effect.

The CCMC was established in 1988 on behalf of the applicable regulator (i.e., the provinces and territories) to ensure—through assessment—conformity of alternative and acceptable solutions to regional building codes as determined by the local authority having jurisdiction (AHJ) as part of the issuance of a building permit. It is the responsibility of the local AHJs, design professionals, and specifiers to confirm that the evaluation is current and has not been withdrawn or superseded by a later issue. Please refer to [the website](#) or contact:

Canadian Construction Materials Centre

Construction Research Centre
National Research Council of Canada
1200 Montreal Road
Ottawa, Ontario, K1A 0R6
Telephone: 613-993-6189
Fax: 613-952-0268

The NRC has evaluated the material, product, system or service described herein only for those characteristics stated 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 (i.e., AHJs, design professionals and specifiers). This evaluation is only valid when the product is installed in strict compliance with the stated conditions and limitations of evaluation and the applicable local building code. In circumstances where no applicable local building permit is issued and that no confirmation of compliance 'for use in the intended field application' is undertaken, this evaluation is null and void in all respects. This evaluation is provided without representation, warranty, or guarantee of any kind, expressed, or implied, and the NRC provides no endorsement for any evaluated material, product, system or service described herein. The NRC accepts no responsibility whatsoever arising in any way from any and all use and reliance on the information contained in this evaluation with respect to its compliance to the referenced code(s) and standard(s). The NRC is not undertaking to render professional or other services on behalf of any person or entity nor to perform any duty owed by any person or entity to another person or entity.

Language

Une version française de ce document est disponible.

In the case of any discrepancy between the English and French version of this document, the English version shall prevail.

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CCMC recognition

The Canadian Construction Materials Centre (CCMC) assesses compliance with Canadian building, energy and safety codes. We are the only construction code compliance service supported and operated by the Government of Canada. Trusted by over 6,000 regulators across Canada.

Most Canadian authorities having jurisdiction (AHJs) consider CCMC product assessments acceptable as evidence for product approval.

CCMC assessments are recognized by construction authorities across Canada:

Alliance of Canadian Building Official Associations (ACBOA)



[\(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)



[\(New Brunswick Building Officials Association \(NBBOA\)\)](#)

Nova Scotia Building Officials Association (NSBOA)



[\(Nova Scotia Building Officials Association \(NSBOA\)\)](#)

The CCMC provides code compliance assessments to Canadian code requirements, consulting nationwide with construction regulators to elicit regional variations in code requirements as well as provincial and local interpretations. Users are advised to review the technical information presented in CCMC assessments when making approval decisions. [Learn more about how the CCMC provides a unique service for Canada.](#)

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

Code compliance as an acceptable solution

Code Compliance via Acceptable Solutions

If a building design (e.g. material, component, assembly or system) can be shown to meet all provisions of the applicable **acceptable solutions** in Division B (e.g. it complies with the applicable provisions of a referenced standard), it is deemed to have satisfied the objectives and functional statements linked to those provisions and thus to have complied with that part of the Code.

— National Building Code of Canada, Sentence A-1.2.1.1.(1)(a)

The CCMC has determined that compliance with this provision of the Code has been demonstrated as an **Acceptable Solution**. The evaluation report provides a summary of the basis of CCMC's compliance opinion.

CCMC's code compliance opinions

All CCMC evaluation reports are opinions of code compliance established in accordance with the National Building Code of Canada, Subsection 1.2.1. "Compliance with this Code," which requires compliance to be achieved by:

- complying with the applicable acceptable solutions in Division B, or
- using an alternative solution that will achieve at least the minimum level of performance required by Division B in the areas defined by the objective and functional statements attributed to the applicable acceptable solutions.

The CCMC assesses compliance with Canadian building, energy and safety codes, and is trusted by over 6,000 regulators across Canada.

Code compliance as an alternative solution

Code Compliance via Alternative Solutions

Where a design differs from the acceptable solutions in Division B, then it should be treated as an **"alternative solution."** A proponent of an alternative solution must demonstrate that the alternative solution addresses the same issues as the applicable acceptable solutions in Division B and their attributed objectives and functional statements. However, because the objectives and functional statements are entirely qualitative, demonstrating compliance with them in isolation is not possible. Therefore, Clause 1.2.1.1.(1)(b) identifies the principle that Division B establishes the quantitative performance targets that alternative solutions must meet. In many cases, these targets are not defined very precisely by the acceptable solutions [...] Nevertheless, Clause 1.2.1.1.(1)(b) makes it clear that an effort must be made to demonstrate that an alternative solution will perform as well as a design that would satisfy the applicable acceptable solutions in Division B—not “well enough” but “as well as.”

— National Building Code of Canada, Sentence A-1.2.1.1.(1)(b)

The CCMC has determined that compliance with this provision of the Code has been demonstrated as an **Alternative Solution**. The evaluation report provides a summary of the basis of CCMC's compliance opinion.

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