CCMC STANDARD COMPLIANCE EVALUATION

CCMC EVALUATION

CCMC 14133-L

CCMC Standard compliance evaluation

CCMC number:	14133-L
Status:	Active
Issue date:	2019-09-18
Modified date:	2024-08-16
Evaluation holder:	**Canadian Urethane Spray Equipment (CUSE)** 5 Colby Court Waterloo ON N2V 1Y9 Canada Website: www.cuse.ca/ Telephone: 519-249-0800
Product name:	Grizzly Gold
Criteria:	CAN/ULC-S705.1-15, "Standard for Thermal Insulation - Spray Applied Rigid Polyurethane Foam, Medium Density - Material Specification"

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 name

Grizzly Gold

Product description

The product is a closed-cell, spray-applied rigid polyurethane foam of medium density. The foam system consists of two components that must be labelled as follows, along with “CCMC 14133-L:”

- Isocyanate (Component A): Grizzly Gold isocyanate; and
- Resin (Component B): Grizzly Gold.

The colour of the installed final cured product is amber.

Site-manufactured product

This is a site-manufactured product; it must be finished on site only by certified installers through the spray-application of raw materials bearing a CCMC number that are produced only at the manufacturing plant(s) below. See installation of spray-applied polyurethane insulation for more information on the requirements for installation and site quality assurance.

Manufacturing plant

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

Product name	Manufacturing plant
	Brantford, ON, CA
Grizzly Gold	✓

✓ 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-S705.1-15	Standard for Thermal Insulation - Spray Applied Rigid Polyurethane Foam, Medium Density - Material Specification

The product's minimum site density, long-term thermal resistance (LTTR), water vapour permeance (WVP) and time-to-occupancy specifications are provided in the following table.

Design values

Table 1. Classification, site density, LTTR, WVP, and time-to-occupancy specifications for the product

Product	Minimum site density (1) (kg/m^3) [$lb/ft.^3$]	50 mm design LTTR ($m^2 \cdot °C/W$)	50 mm WVP (2) ($ng/(Pa \cdot s \cdot m^2)$)	Time to occupancy (3) (hours)
Grizzly Gold	34.5 [2.2]	1.92	39	25

Notes

1 Based on the qualification testing to CAN/ULC-S705.1, the specified minimum site density must comply with CAN/ULC-S705.1, as measured on site in accordance with CAN/ULC-S705.2-05, "Thermal Insulation – Spray Applied Rigid Polyurethane Foam, Medium Density – Application."

2 The water vapour permeance (WVP) is determined from a core sample with the skin removed. Due to the effect of the skins, the WVP at this thickness would be lower in the site-installed product.

3 For retrofit construction, the time to occupancy is twenty-five (25) hours when the segregated retrofit area is ventilated as required by CAN/ULC-S705.2 during installation of the product and after spraying. See the evaluation requirements for more information.

Site quality assurance program (SQAP)

Installation of spray-applied polyurethane insulation

In addition to the material qualification above spray-applied polyurethane foams must be installed in accordance with their respective installation standard and under a Site Quality Assurance Program (SQAP). This evaluation holder has engaged the designated SQAP provider below to operate it's SQAP program for the installation of this product by certified installers, and to provide third-party site auditing, as required. As with any evaluation, the evaluation holder is responsible for the quality of the finished product (installed foam), and therefore is required to ensure resolution of non-conforming installations.

The installation procedure must follow the manufacturer's instruction manual. A copy of the manual must be available at the job site at all times during the installation for review by the building official.

Certified installers

The evaluation holder requires that only specific, certified installers be authorized to install its proprietary spray-polyurethane insulation in buildings. All installers must be certified for the installation of this product by the designated SQAP provider, having a valid photo-identification license at the time of installation, and be able to present the license on request.

Third-party site auditing

As part of its SQAP, the evaluation holder also stipulates that periodic site-audit inspections be conducted by the designated SQAP provider. Upon completion of the site audit, the designated SQAP provider will report the product's conformity results and any corrective action required, if necessary, to the evaluation holder. Building officials can contact the SQAP provider to request a site-audits at a specific building site.

Designated SQAP provider

The following organization has been designated by the evaluation holder as their SQAP provider, and is recognized by the CCMC as an ISO/IEC 17024 accredited personnel certification body, and ISO/IEC 17020 accredited inspection body.

Canadian Urethane Foam Contractors Association (CUFCA)
3202 Wharton Way
Mississauga, Ontario, L4P 2C1
Telephone: 866-467-7729
Email: cufca@cufca.ca
Website: www.cufca.ca

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

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

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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))

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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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