

## CCMC 14128-L

### CCMC Standard compliance evaluation

<b>CCMC number:</b>	14128-L
<b>Status:</b>	Active
<b>Issue date:</b>	2019-04-30
<b>Modified date:</b>	2022-05-19
<b>Evaluation holder:</b>	<p><b>SOLUTIONS Genyk Inc.</b>                      1701 3rd Avenue                      Shawinigan QC G9T 2W6                      Canada                      Website: <a href="http://www.genyk.com">www.genyk.com</a>                      Telephone: 819-729-0395                      Email: <a href="mailto:info@genyk.com">info@genyk.com</a></p>
<b>Product name:</b>	Floraseal 50
<b>Evaluation requirements:</b>	<u>CAN/ULC-S712.1:2017</u>

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

[Learn more about CCMC recognition](#)

## Product information

### Product name:

Floraseal 50

### Product description

The product is an open-cell, spray-applied, semi-rigid polyurethane foam of light density. The foam system consists of two components that must be labelled as follows, along with "CCMC 14128-L":

- Isocyanate (Component A): ISO A-2732; and
- Resin (Component B): Floraseal 50.

The 2 components are mixed on site by a SOLUTIONS Genyk Inc.-qualified installer (see "Qualified installers" section) with fixed-ratio positive displacement equipment.

The colour of the installed final cured product is yellow.

### Manufacturing plant

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

Product name	Manufacturing plant
Floraseal 50	Shawinigan, QC, CA

◇ 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
<a href="#">CAN/ULC-S712.1:2017</a>	Standard for Thermal Insulation – Light Density, Open Cell Spray Applied Semi-Rigid Polyurethane Foam – Material Specification

The product's minimum site density, design thermal resistance value (RSI), water vapour permeance (WVP) and time-to-occupancy values are provided in the following table.

**Table 1. Minimum site density, design RSI, WVP and time-to-occupancy specifications for the product**

Product	Minimum site density <sup>(1)</sup> (kg/m <sup>3</sup> ) [lb/ft. <sup>3</sup> ]	50 mm design RSI (m <sup>2</sup> ·°C/W)	50 mm WVP <sup>(2)</sup> (ng/(Pa·s·m <sup>2</sup> ))	Time to occupancy <sup>(3)</sup> (hours)
<b>Floraseal 50</b>	8.87 [0.55]	1.28	1296	25

### Notes:

- <sup>1</sup> Based on the qualification testing to CAN/ULC-S712.1, the specified minimum site density must comply with CAN/ULC-S712.1 as measured on site in accordance with CAN/ULC-S712.2:2017, "Standard for Thermal Insulation – Light Density, Open Cell Spray Applied Semi-Rigid Polyurethane Foam – Installation."
- <sup>2</sup> The WVP is determined from a core sample with the top and bottom skins removed. Due to the effect of the skins, the WVP at this thickness may be lower in the site-installed product.
- <sup>3</sup> For retrofit construction, the time to occupancy is 25 hours when the segregated retrofit area is ventilated as required by CAN/ULC-S712.2 during installation of the product. See the Evaluation Requirements for more information.

## Qualified installers

This is a site-manufactured product whereby SOLUTIONS Genyk Inc. requires that only specific, qualified installers be authorized to install its proprietary spray-polyurethane insulation in buildings. In accordance with the SOLUTIONS Genyk Inc. site quality assurance program (SQAP), the certification organization Urethane Foam Consultants, Inc. (UFC) has been commissioned to license the specified installers and issue the requisite UFC identification card to them. All specified installers must have a UFC identification card.

## Third-party site auditing of qualified installers

As part of its SQAP, SOLUTIONS Genyk Inc. also stipulates that site-audit inspections be conducted by site inspectors licensed by UFC. Upon completion of the site audit, UFC will report the product's conformity results and any corrective action required, if necessary, to SOLUTIONS Genyk Inc.

Building officials who would like site-audit inspections conducted on specific building sites can contact UFC at:

Urethane Foam Consultants Inc. (UFC)  
160 Main St. South, Suite 547  
Brampton, ON L6W 4C1  
Tel.: 905-702-2555

## Site-manufactured product

The foam insulation is a site-manufactured product.

## Administrative information

### Disclaimer

This evaluation is issued by the Canadian Construction Materials Centre (CCMC), 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

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## Language

Une version française de ce document est disponible.

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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:

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(Alliance of Canadian Building Official Associations (ACBOA))

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Canadian Home Builders' Association (CHBA)



(Canadian Home Builders' Association (CHBA))

Alberta Building Officials Association (ABOA)



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(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](mailto:ccmc@nrc-cnrc.gc.ca)