



Evaluation Listing CCMC 14373-L GacoOnePass Low GWP

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1. Evaluation

The product conforms to CAN/ULC-S705.1-15, “Thermal Insulation – Spray Applied Rigid Polyurethane Foam, Medium Density – Material Specification.” The product’s minimum site density, design long-term thermal resistance (LTTR), water vapour permeance (WVP) and the time-to-occupancy values are provided in Table 1.1.

Table 1.1 Minimum Site Density, Design LTTR, WVP and Time-to-Occupancy Specifications of the Product

Product	Minimum Site Density ⁽¹⁾ (kg/m ³) [lb/ft. ³]	50 mm Design LTTR (m ² ·°C/W)	50 mm WVP ⁽²⁾ (ng/(Pa·s·m ²))	Time-to-Occupancy ⁽³⁾ (hours)
GacoOnePass Low GWP	36.2 [2.3]	1.89	40	25

Notes to Table 1.1

- (1) Based on the qualification testing to CAN/ULC-S705.1-15, the specified minimum site density must comply with CAN/ULC-S705.1-15, as measured on-site in accordance with CAN/ULC-S705.2-05, “Thermal Insulation – Spray Applied Rigid Polyurethane Foam, Medium Density – Application.”
- (2) The WVP is determined from a core sample with the top 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. See Table 1, Note 4 in the Annex for the product for further details.

The product also conforms to CAN/ULC-S705.1-01, including Amendments 1, 2 and 3. The product’s classification, minimum site density, design LTTR, WVP and time-to-occupancy values are provided in Table 1.2.

Table 1.2 Classification, Minimum Site Density, Design LTTR, WVP and Time-to-Occupancy Specifications of the Product

Product	Classification	Minimum Site Density ⁽¹⁾ (kg/m ³) [lb/ft. ³]	50 mm Design LTTR (m ² ·°C/W)	50 mm WVP ⁽²⁾ (ng/(Pa·s·m ²))	Time-to-Occupancy ⁽³⁾ (hours)
GacoOnePass Low GWP	Type 1	36.2 [2.3]	1.89	40	25

Notes to Table 1.2

- (1) Based on the qualification testing to CAN/ULC-S705.1-01, including Amendments 1, 2, and 3, the specified minimum site density must comply with CAN/ULC-S705.1-01, including Amendments 1, 2, and 3, as measured on-site in accordance with CAN/ULC-S705.2, “Thermal Insulation – Spray Applied Rigid Polyurethane Foam, Medium Density – Application.”
- (2) The WVP is determined from a core sample with the top 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. See Table 1, Note 4 in the Annex for the product for further details.

2. Description

The product is a closed-cell, spray-applied, rigid polyurethane foam of medium density. The foam system consists of two components (isocyanate and resin) that must be labelled as follows with “CCMC 14373-L:”

- Isocyanate (Component A): “Gaco Isocyanate”, and
- Resin (Component B): “GacoOnePass Low GWP” resin.

The two components are mixed on site by a Gaco-qualified installer (see Section 3.1) with fixed-ratio positive displacement equipment. The colour of the final cured product is light green.

3. Standard and Regulatory Information

See the Annex appended to this Listing, which summarizes the product standard.

This/These product(s) was/were evaluated to the product standard referenced in the Annex current as of 2020-03-24. Note that the Annex may have been updated since this Listing was issued to include more recent editions of the applicable product standard. Therefore, this Listing may not reflect the requirements contained in any updated version of this product standard.

3.1 Qualified Installers

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

3.2 Third-Party Field Auditing of Qualified Installers

As part of its SQAP, Gaco 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 Gaco. Building Officials who would like site-audit inspections to be conducted on specific building sites can contact UFC at:

Urethane Foam Consultants (UFC)
160 Main St. S, Suite 547
Brampton ON L6W 4C1

Telephone: 905-702-2555

Fax: 905-456-9439

Web site: foamexperts.ca

Listing Holder

Gaco, a Division of Firestone Building Products Company, LLC
200 4th Avenue South
Nashville, TN 37201
USA

Telephone: 800-331-0196

Email: customerservice@gaco.com

Web site: www.gaco.com

Site-Finished Product

The foam insulation is a site-finished product.

Plant(s) – Raw Materials

Waukesha, WI USA

Disclaimer

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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 <http://www.nrc-cnrc.gc.ca/ccmc> or contact the 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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