



Evaluation Listing CCMC 14079-L Ecotite 2.0

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Evaluation issued:	2017-12-11
Re-evaluation due:	2020-12-11

1. Evaluation

The product conforms to CAN/ULC-S705.1-01, "Standard for Thermal Insulation - Spray Applied Rigid Polyurethane Foam, Medium Density – Material – Specification," including Amendments 1 and 2. The product's classification, minimum site density, long-term thermal resistance (LTTR), water vapour permeance (WVP) and the time-to-occupancy values are provided in Table 1.1.

Table 1.1 Classification, Site Density, LTTR, WVP and Time-to-Occupancy Specifications for 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⁾ (day)
Ecotite 2.0	Type 2	33.6 [2.10]	2.00	54.7	1

Notes to Table 1.1:

- 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, "Standard for Thermal Insulation - Spray Applied Rigid Polyurethane Foam, Medium Density – Application."
- 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.
- For retrofit construction, the time to occupancy is one (1) day when the segregated retrofit area is ventilated as required by CAN/ULC-S705.2 during installation of the product. See Note 3 of Table 1 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 that must be labelled as follows along with "CCMC 14079-L:"

- Isocyanate (Component A): Ecotite 2.0; and
- Resin (Component B): Ecotite 2.0.

The two components are mixed on site by an Elastochem-qualified installer (see Section 3.1) with fixed-ratio positive displacement equipment. The colour of the installed final cured product is latte.

3. Standard and Regulatory Information

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

This product was evaluated to the product standard referenced in the Annex current as of 2011-04-13. 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 Elastochem Specialty Chemicals Inc. requires that only specific, qualified installers be authorized to install their proprietary spray-polyurethane insulation in buildings. In accordance with the Elastochem Specialty Chemicals Inc. site quality assurance program (SQAP), Urethane Foam Consultants (UFC) has been commissioned to license the specified installers and issue the requisite UFC identification card to them. All specified installers must have an UFC identification card.

3.2 Third-party Site Auditing of Qualified Installers

As part of their SQAP, Elastochem 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, if necessary, to Elastochem Specialty Chemicals Inc. Building officials who would like site-audit inspections to be conducted on specific building sites can contact UFC at:

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

Tel.: 888-572-7435

4. Listing Holder

Elastochem Specialty Chemicals Inc.
37 Easton Road
Brantford, ON N3P 1J4

Tel.: 877-PUR-CHEM

Fax: 519-754-4487

Email: info@elastochem-ca.com

Web site: www.elastochem-ca.com

Site – Finished Product

The foam insulation is a site-manufactured product.

Plant(s) – Raw Materials

Brantford, ON

5. Disclaimer

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Readers must confirm that the Listing is current and has not been withdrawn or superseded by a later issue. Please refer to http://www.nrc-cnrc.gc.ca/eng/solutions/advisory/ccmc_index.html, or contact the Canadian Construction Materials Centre, NRC Construction, National Research Council of Canada, 1200 Montreal Road, Ottawa, Ontario, K1A 0R6. Telephone: 613-993-6189. Fax: 613-952-0268.

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