



Evaluation Listing CCMC 13359-L SEALTITE™ ECO

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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)
SEALTITE™ ECO	Type 2	33.3 [2.08]	2.00	41.0	1

Notes to Table 1.1:

- (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.”
- (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 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 13359-L:”

- “SEALTITE™ ECO ISO” or Foamsulate™ A isocyanate; and
- “SEALTITE™ ECO” polymeric resin.

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

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 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 Accella Polyurethane Systems requires that only specific, qualified installers be authorized to install their proprietary spray-polyurethane insulation in buildings. In accordance with the Accella Polyurethane Systems' site quality assurance program (SQAP), Caliber Quality Solutions Inc. (Caliber) has been commissioned to license the specified installers and issue the requisite Caliber identification card to them. All specified installers must have a Caliber identification card.

3.2 Third-party Site Auditing of Qualified Installers

As part of their SQAP, Accella Polyurethane Systems also stipulates that site-audit inspections be conducted by site inspectors licensed by Caliber. Upon completion of the site audit, Caliber will report the product's conformity results and any corrective action, if necessary, to Accella Polyurethane Systems. Building officials who would like site-audit inspections to be conducted on specific building sites can contact Caliber at:

Caliber Quality Solutions Inc.
120 Eglinton Avenue East, Suite 1000
Toronto, ON
M4P 1E2

Tel.: 888-572-7435

Listing Holder

Accella Polyurethane Systems
2500 Adie Road
Maryland Heights, MO 63043
USA

Tel.: 314-432-3200

Site-Finished Product

The foam insulation is a site-manufactured product.

Plant(s) – Raw Materials

Spring, TX, USA

Disclaimer

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