



Evaluation Listing CCMC 13478-L JM Corbond III

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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.” The product’s classification, minimum site density, long-term thermal resistance (LTTR), water vapour permeance (WVP) and time-to-occupancy values are provided in Table 1.1.

Table 1.1 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 ·°C/W)	50 mm WVP ⁽²⁾ (ng/(Pa·s·m ²))	Time-to-Occupancy ⁽³⁾ (day)
JM Corbond III®	33.2 [2.07]	2.0	47	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 in Table 1 in the Annex for the product for further details.

2. Description

The product is a Type 2, spray-applied, rigid polyurethane foam of medium density. The foam system consists of two components: isocyanate and resin. The two components are mixed on-site with fixed-ratio positive displacement equipment by a qualified installer.

The colour of the final cured product is grey.

The LTTR for 50 mm is RSI 2.0.

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 2017-10-27. 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 Johns Manville requires that only specific, qualified installers be authorized to install their proprietary spray-polyurethane insulation in buildings. In accordance with the Johns Manville 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, Johns Manville 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 required, if necessary, to Johns Manville. Building officials who would like site-audit inspections to be conducted on specific building sites can contact Caliber at:

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