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Second Edition CAN/ULC-S710.1-11

STANDARD FOR THERMAL INSULATION – BEAD-APPLIED ONE COMPONENT POLYURETHANE AIR SEALANT FOAM, PART 1: MATERIAL SPECIFICATION

ULC Standards is pleased to announce the publication of CAN/ULC-S710.1-11, the Second Edition of Standard for Thermal Insulation – Bead-Applied One Component Polyurethane Air Sealant Foam, Part 1: Material Specification. This Standard has been approved by the ULC Standards Committee on Thermal Insulation Materials and Systems (S700A), and has been published with the date of December 2011.

This Standard specifies the requirements and test methods for bead-applied one component polyurethane foam used as an insulating air sealant for both building and non-building applications. This Standard applies whether the material is installed on a building site or in a prefabrication (manufacturing) process. The one-component polyurethane foam is factory pre-packaged.

The requirements in this Standard apply only to the use of bead-applied one component polyurethane foam when the continuous service temperature is in the range of -60 to +110 °C.

The test methods used to determine the material properties provide a means of comparing different polyurethane air sealant foams. They are intended for use in specifications, product evaluations and quality control. Applications and requirements for the applications are included in the CAN/ULC-S710.2 Installation Standard.

The revisions made for this edition include the following:

- Closed Cell Content property replaced with Open Cell Content.
- New Class 3 added to resolve a conflict between the Flame Spread Characteristic requirement Clause and Table 1.
- Volatile Organic Chemical term 'Time to reach maximum limit levels' replaced with 'Time to occupancy'.
- Sections on Sample Preparation, Conditioning of Samples, Specimen Preparation and Test Methods revised to accurately describe the different types of requirements.

If you require any additional information, please contact John Wade at 613-755-2729, ext. 61426 or by email at: John.Wade@ul.com.

This standard can be ordered for \$234.00 CAN (Hardcopy) from the ULC website (www.ulc.ca) ULC online store.

Yours truly,

ULC STANDARDS

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