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First Edition CAN/ULC-S742-11
STANDARD FOR AIR BARRIER ASSEMBLIES - SPECIFICATION

ULC Standards is pleased to announce the publication of CAN/ULC-S742-11, the First Edition of Standard for Air Barrier Assemblies - Specification. This Standard has been approved by the ULC Committee on Air Barrier Materials and Systems (S700B), and has been published with the date of February 2011.

CAN/ULC-S742-11 identifies the criteria for the performance level of an air barrier assembly in terms of the building height and wind loads depending on the site location. Air barrier assembly designers, manufacturers, installers and building owners are now provided with the means to compare the performance of different designs when addressing the energy efficiency requirements for new constructions and retrofits.

This standard sets out criteria for specification of air barrier assemblies that may be used in design specification documents or in manufacturer's product literature. The standard provides the requirements and test methods for an air barrier assembly used in applications for both low-rise and high-rise buildings.

The test methods described in this standard involve measuring the air leakage rate of a representative test specimen of an air barrier assembly before and after exposure to wind pressure loading cycles and then determining an air leakage rate at a reference pressure difference (ΔP), based on the measurements.

This standard sets minimum performance requirements for the air leakage rate of air barrier assemblies based on levels of air leakage rate and wind pressure loading.

The requirements for determining the air leakage rate of air barrier components and air barrier accessories were not considered in the development of this standard. The structural design for the transfer of loads from the air barrier assemblies to the building structure was not considered in the development of this standard.

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

This standard can be ordered for $235.00 CAN (Hardcopy) from the ULC website (www.ulc.ca) ULC online store.

Yours truly,

ULC STANDARDS

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