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NEW STANDARD

First Edition of CAN/ULC-S145:2018

STANDARD METHOD OF TEST FOR THE EVALUATION OF PROTECTIVE COVERINGS FOR FOAMED PLASTIC INSULATION - FULL-SCALE ROOM TEST

ULC Standards is pleased to announce the publication of the First Edition of CAN/ULC-S145:2018, Standard Method of Test for the Evaluation of Protective Coverings for Foamed Plastic Insulation - Full-Scale Room Test. This Standard has been approved by the ULC Standards Committee on Fire Tests and has been published under the date of June 2018.

The purpose of this test method is to determine the contribution to fire growth of protective coverings over foamed plastic insulation when tested in a Full-Scale Room Test in accordance with CAN/ULC-9705, Fire Tests - Full-Scale Room Test for Surface Products, except as specified in this Standard.

This test method measures the time to flashover under specified test conditions. Provisions are made to measure smoke obscuration, rate of fire growth and rate of heat release of the protective covering and foamed plastic insulation room lining.

This test method is not intended to determine the fire resistance rating of wall or ceiling assemblies lined with foamed plastic insulation and a protective covering. In addition, this test method does not identify which products of combustion, nor risks associated with products of combustion.

This test method provides for classifications of 10 min and 20 min, which are not equivalent to classifications prescribed in CAN/ULC-S124, Standard Method of Test for the Evaluation of Thermal Barriers for Foamed Plastic.

Note: See Appendix A for information on the differences between this Standard and CAN/ULC-S124, Standard Method of Test for the Evaluation of Thermal Barriers for Foamed Plastic.

The exposure test, as described herein, is not intended to be representative of all fire conditions. It is likely that conditions will vary with changes in the amount, nature and distribution of fire loading, ventilation, size and configuration of the assembly installed. These requirements provide a relative measure of the fire performance of comparable assemblies under these specified fire exposure conditions.

This Standard is used to measure and describe the response of materials, products or assemblies to heat and flame under controlled conditions.

This Standard includes classifications based on the use of a Full-Scale Room test in accordance with CAN/ULC-9705, Fire Tests - Full-Scale Room Test for Surface Products, but as specified in this Standard.

It is the intent that classifications shall register performance during a period of exposure and shall not be construed as determining suitability for use after fire exposure.

The intent of this standard is to evaluate specific combinations of protective materials and foamed plastic insulation as individual systems.

For any additional information, please contact Mary Huras at 613 755-2729 ext. 61425 or by email at Mary.Huras@ul.com.

This Standard can be ordered for \$175.00 CAD (Hardcopy) or \$125.00 CAD (PDF) from the ULC Standards website at <http://canada.ul.com/ulcstandards/>. Click on *Sales of ULC Standards Materials* for more information.

Yours truly,

ULC Standards



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