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## **STANDARDS BULLETIN 2019-21**

NEW EDITION

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### **Fourth Edition of CAN/ULC-S107:2019**

#### **Standard Methods of Fire Tests of Roof Coverings**

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ULC Standards is pleased to announce the publication of the Fourth Edition of CAN/ULC-S107:2019, Standard Methods of Fire Tests of Roof Coverings. This Standard has been approved by the ULC Standards Committee on Fire Tests and has been published under the date of March 28, 2019.

The test methods described in this Standard are applicable to roof covering materials and are intended to measure the relative fire-performance characteristics of roof coverings when exposed to fire originating from sources outside a building on which they may be installed. They are applicable to roof coverings intended for installation on either combustible or non-combustible decks when applied as intended for use. The following test methods are included:

- a) Intermittent-Flame Test;
- b) Spread-of-Flame Test;
- c) Burning-Brand Test;
- d) Flying-Brand Test;
- e) Rain Test; and
- f) Weathering Test.

Three classes of fire test exposure are described in Clauses 1.3 through 1.5.

Class A Tests are applicable to roof coverings that are effective against severe fire exposures, are not readily flammable, afford a fairly high degree of fire protection to the roof deck, do not slip from position and are not expected to produce flying brands.

Class B Tests are applicable to roof coverings that are effective against moderate fire exposures, are not readily flammable, afford a moderate degree of fire protection to the roof deck, do not slip from position and are not expected to produce flying brands.

Class C Tests are applicable to roof coverings that are effective against light fire exposures, are not readily flammable, afford a measurable degree of fire protection to the roof deck, do not slip from position and are not expected to produce flying brands.

It is the intent that the classifications indicate performance during tests of the types of materials and periods of exposure involved, and should not be construed as having any significance with respect to the suitability for use after fire exposure

Roof covering materials are required to comply also with other requirements for construction, material specifications, and performance as applicable to specific types, designs, sizes and arrangements. All such additional requirements are not considered to be within the scope of these requirements for fire tests.

Durability requirements, as a product of exposure and influence (if any) due to climate change, are outside the scope of this standard. (Refer to Annex A).

The Fourth Edition of this standard includes the addition of an informative Appendix providing guidance on considerations for environmental conditions or climate change resilience in support of the National Research Council of Canada program to address the impact of Climate Change Adaptation in Canadian Codes and Standards.

For any additional information, please contact Griff Edwards at (919) 549-0956 or by email at [Griff.Edwards@ul.com](mailto:Griff.Edwards@ul.com).

This Standard can be ordered for \$225.00 CAD (Hardcopy) or \$175.00 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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