



ICC-ES Listing Report ESL-1192

Reissued November 2023

Revised February 2024

This listing is subject to renewal November 2024.

CSI: DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 81 00—Applied Fireproofing

Product Certification System:

The ICC-ES product-certification system includes evaluating reports of tests of standard manufactured product, prepared by accredited testing laboratories and provided by the listee, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the listee's quality system.

Product: FLAMEOFF FIRE BARRIER PAINT

Listee: FLAMEOFF COATINGS, INC.

Evaluation: FlameOff Fire Barrier Paint is a water-based intumescent coating and was evaluated when applied to unfinished spruce pine fir plywood in accordance with US DOC PS-1 and CSA O151 and Type X gypsum board in accordance with ASTM C1396, at minimum coating thicknesses; and tested in accordance with the following standards:

- ASTM E84-16, ASTM E84-2013A and ASTM E84-09, Standard Test Method for Surface Burning Characteristics of Building Materials, ASTM International.
- UL 723-2008 (revisions through August 2013) and UL 723-2008 (revisions through September 2010), Standard for Test for Surface Burning Characteristics of Building Materials, Underwriters Laboratories, Inc.
- CAN/ULC-S102-10, Standard Method of Test for Surface Burning Characteristics for Building Materials and Assemblies, ULC Standards.

Findings: FlameOff Fire Barrier Paint, when applied to unfinished spruce pine fir plywood (complying with US DOC PS-1 and CSA O151) and Type X gypsum board (complying with ASTM C1396) at a minimum coating thickness of 15 wet mils per 107 ft²/gallon and 20 wet mils per 80 ft²/gallon (381 μm per 2.63 m²/L and 508 μm per 1.96 m²/L), respectively, have a flame-spread index and a smoke-developed index as specified in Table 1 below based on testing in accordance with ASTM E84 / UL 723 and CAN/ULC-S102; and as referenced in the applicable sections of the following code editions below.

TABLE 1—FLAME SPREAD INDEX AND SMOKE DEVELOPED INDEX

SUBSTRATE COATED WITH FLAMEOFF FIRE BARRIER PAINT	FLAME-SPREAD INDEX (FSI)	SMOKE-DEVELOPED INDEX (SDI)
⁵ / ₈ " (15.9 mm) THICK GYPSUM WALLBOARD – TYPE X	0	0
⁵ / ₈ " (15.9 mm) THICK SPRUCE PINE FIR - PLYWOOD	0	15

- 2018 *International Building Code*®
Applicable Section: 803.1.2

- 2015 and 2012 *International Building Code*®
Applicable Section: 803.1.1
- 2018, 2015 and 2012 *International Residential Code*®
Applicable Section: R302.9
- *National Building Code of Canada*® 2015
Applicable Section: Volume 1, Division B, Section 3.1.12.

Identification:

1. Containers of the intumescent material bear the company name (FlameOff Coatings, Inc.) and address, product name (FlameOff Fire Barrier Paint), storage and shelf-life information, the ICC-ES listing report number (ESL-1192), and when applicable, the ICC-ES listing mark.
2. The report holder's contact information is the following:

FLAMEOFF COATINGS, INC.
3915 BERYL ROAD, SUITE 130
RALEIGH, NORTH CAROLINA 27607
(888) 816-7468
www.flameoffcoatings.com

Installation: The FlameOff Fire Barrier Paint shall be installed in accordance with the FlameOff Coatings, Inc.'s published installation instructions and applicable codes.

Conditions of Listing:

1. The listing report addresses only conformance with the standards and code sections noted above.
2. Approval of the product's use is the sole responsibility of the local code official.
3. The listing report applies only to the materials tested and as submitted for review by ICC-ES.
4. The FlameOff Fire Barrier Paint described in this listing report is produced under a quality control program with inspections by ICC-ES.