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**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 based on a tested wood framed non-load bearing wall assembly consisting of building-material components described in the Assembly Section, tested in accordance with the following standards:

- UL 263-11 (with revisions through June 2015), UL 263-11 and UL 263-03 (with revisions through October 2007), Standard for Fire Tests of Building Construction and Materials, Underwriters Laboratories, Inc.

**Assembly:**

1. **FlameOff Fire Barrier Paint** – Applied to the exposed face of the wall assembly in accordance with manufacturer’s instructions to the minimum dry film thickness of 43 mils (1.09 mm).

2. **Wood Framing** – Nominal 2-inch by 4-inch (50.8 mm x 101.6 mm) wood studs. Top and bottom bearing plates [nominal 2-inch by 4-inch (50.8 mm x 101.6 mm) wood studs laid flatwise] were cut to 120-inch (3048 mm) lengths. One stud was centered along the vertical centerline of the assembly and all studs were spaced 16 inches (406.4 mm) on center from the vertical centerline. The end studs were spaced 12 inches (304.8 mm) on center. At each stud and bearing plate connection, two 3½-inch
(88.9 mm) long 16d nails were used. Nominal 2-inch by 4-inch (50.8 mm x 101.6 mm) blocking were installed in between the studs along the horizontal centerline of the wall assembly. The blocking was staggered to allow two 3½-inch (88.9 mm) long 16d nails to be driven from either side of each section of blocking. Maximum height of the wall assembly was 115.5 inches (2933.7 mm).

3. **Gypsum Wallboard** – Nominal 5/8-inch (15.9 mm) thick Type X gypsum wallboard by United States Gypsum Company, which was applied vertically to the wood studs on both sides of the wall assembly. The exposed face has one layer of gypsum wallboard while the unexposed face of the wall assembly had two layers of gypsum wallboard. The first layer (both exposed and unexposed) of gypsum wallboard was fastened to the wood framing using 1¼-inch (31.8 mm) long Type W screws spaced 8 inches (203.2 mm) on center along the perimeter and in the field; and the second layer on the unexposed side was fastened with 2-inch long (50.8 mm) Type W screws spaced 8 inches (203.2 mm) on center along the perimeter and in the field. The vertical gypsum wallboard joints between layers of the unexposed face were staggered one stud cavity while the vertical joints were also staggered across stud cavities. All gypsum wallboard joints and screws received a Level 2 finish complying with ASTM C840 or GA216.

**Findings:** The assembly described in the Assembly Section of this report is a 2-hour fire-resistance-rated non-load bearing wall assembly based on testing in accordance with UL 263/ASTM E119, as referenced in the applicable sections of the following code editions:

  Applicable Section: 703.2

  Applicable Section: Volume 1- Division B: Section 3.1.7.

**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-1191), and when applicable, the ICC-ES listing mark.

2. The report holder’s contact information is the following:

   FLAMEOFF COATINGS, INC.
   1100 NAVAHO DRIVE
   RALEIGH, NORTH CAROLINA 27609
   (888) 816-7468
   [www.flameoffcoatings.com](http://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 Assembly Section describes the assembly using FlameOff Fire Barrier Paint that is qualified for use in a fire-resistance-rated non-load bearing wall assembly.

5. The FlameOff Fire Barrier Paint described in this listing report is produced under a quality control program with inspections by ICC-ES.