



ICC-ES Listing Report

ESL-1611

Reissued February 2025

This listing is subject to renewal February 2026.

CSI: DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 81 23—Intumescent Fire Protection

DIVISION: 09 00 00—FINISHES
Section: 09 06 46—Intumescent Painting

Product Certification System:

The ICC-ES product-certification system includes evaluating evidence in support of test data 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: RG.45

Listee: FLAME SEAL LLC

Evaluation: RG.45 is single component, latex based, intumescent coating, and was evaluated when tested at 22 wet mils [0.22 inch (0.55 mm)] to the following standards:

- ASTM E84-18B, Standard Test Method for Surface Burning Characteristics of Building Materials, ASTM International.

Findings: The RG.45 coating was applied on a recycled rubber ballistic panel at 22 wet mils [0.22 inch (0.55 mm)] and has a flame-spread index of 25 or less and a smoke-developed index of 450 or less, based on testing in accordance with ASTM E84, as referenced in the applicable sections of the following code editions:

- 2021 *International Building Code*®
Applicable Section: 803.1.2
- 2021 *International Residential Code*®
Applicable Section: R302.9

Identification:

1. The ICC-ES mark of conformity, electronic labeling, or the listing report number (ICC-ES ESL-1611) along with the name, registered trademark, or registered logo of the listee must be included in the product label.
2. In addition, packaging of the RG.45 carries a label indicating the manufacturer's address, the product name, and the ICC-ES Listing Mark.
3. The report holder's contact information is the following:

FLAME SEAL LLC
9420 KNIGHT ROAD
HOUSTON, TEXAS 77045
(713) 668-4291
www.flameseal.com
flameseal@flameseal.com

Installation: RG.45 must be installed in accordance with the Flame Seal LLC published installation instructions and applicable codes.

Conditions of listing:

1. The listing 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 applies only to the materials tested and as submitted for review by ICC-ES.
4. Ballistic properties are outside the scope of this report.
5. RG.45 described in this listing report is produced under a quality control program with inspections by ICC-ES.