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ICC-ES Listing Report

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ESL-1059

Reissued 03/2018

This listing is subject to renewal 03/2019.

DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION

SECTION: 07 21 00—THERMAL INSULATION

REPORT HOLDER:

LAPOLLA INDUSTRIES, INC.

**15402 VANTAGE PARKWAY EAST, SUITE 322
HOUSTON, TEXAS 77032**

EVALUATION SUBJECT:

**FOAM-LOK FL500 (ALSO KNOWN AS AIRTIGHT OC, GUARDFOAM 55 OC OR
OPEN CELL RETROFIT FOAM) SPRAY FOAM INSULATION**



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CSI: DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 21 00—Thermal Insulation

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: Foam-LOK FL500 (Also Known As AirTight OC, GUARDFOAM 55 OC or Open Cell Retrofit Foam) Spray Foam Insulation

Listee: LAPOLLA INDUSTRIES, INC.
15402 VANTAGE PARKWAY EAST, SUITE 322
HOUSTON, TEXAS 77032
(281) 219-4100
www.lapolla.com

Evaluation: Foam-LOK FL500 (Also Known As AirTight OC, GUARDFOAM 55 OC or Open Cell Retrofit Foam) Spray Foam Insulation was evaluated when tested at a maximum thickness of 5.6 inches (142 mm) and a nominal density of 0.5 pcf (8 kg/m³) to the following standards:

- UL 723-2008 and UL723-03 (revisions through May 2005), Standard for Test for Surface Burning Characteristics for Building Materials, Underwriters Laboratories, Inc.
- ASTM E84-09 and ASTM E84-07, Standard Test Method for Surface Burning Characteristics of Building Materials, ASTM International.

Findings: Foam-Lok FL500 (Also Known As AirTight OC, GUARDFOAM 55 OC or Open Cell Retrofit Foam) Spray Foam Insulation has a flame-spread index of 25 or less and a smoke-developed index of 450 or less, based on testing in accordance with UL 723/ASTM E84, as referenced in the applicable sections of the following code editions:

- 2012 and 2009 *International Building Code*®
Applicable Section: 2603.3
- 2012 and 2009 *International Residential Code*®
Applicable Section: R316.3

Identification: Components for Foam-LOK FL500 spray foam insulation are identified with the manufacturer's name (LAPOLLA Industries, Inc.), address and telephone number, the product name (Foam-LOK/AirTight OC/GUARDFOAM 55 OC/Open Cell Retrofit Foam), mixing instructions, the density, the flame-spread and smoke-development indices, the shelf life and production date or the expiration date and the ICC-ES Evaluation Report ([ESR-2847](#)), and/or the ICC-ES Listing Report Number (ESL-1059).

Installation: The product must be installed in accordance with the LAPOLLA Industries' published installation instructions and applicable codes.

Conditions of Listing:

1. Additional attributes and their applications can be found in the ICC-ES Evaluation Report, [ESR-2847](#).
2. The listing addresses only conformance with the standards and code sections noted above.
3. Approval of the product's use is the sole responsibility of the local code official.
4. The listing applies only to the materials tested and as submitted for review by ICC-ES.