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# ICC-ES Listing Report

# ESL-1042

ICC-ES | (800) 423-6587 | (562) 699-0543 | www.icc-es.org

Reissued 10/2017  
This listing is subject to renewal 10/2018.

**DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION**  
**SECTION: 07 21 00—THERMAL INSULATION**

**REPORT HOLDER:**

**COMMERCIAL THERMAL SOLUTIONS, INC.**

**524 BRIGHTON AVENUE, SUITE 9  
SPRING LAKE, NEW JERSEY 07762**

**EVALUATION SUBJECT:**

**TIGER FOAM™ FIRE BLOCK**



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*“2014 Recipient of Prestigious Western States Seismic Policy Council (WSSPC) Award in Excellence”*



A Subsidiary of

*ICC-ES Evaluation Reports are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the report or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this report, or as to any product covered by the report.*



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Reissued October 2017

This listing is subject to renewal October 2018.

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A Subsidiary of the International Code Council®

**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:** TIGER FOAM™ FIRE BLOCK

**Listee:** COMMERCIAL THERMAL SOLUTIONS, INC.  
524 BRIGHTON AVENUE, SUITE 9  
SPRING LAKE, NEW JERSEY 07762  
(800) 664-0063  
[www.tigerfoam.com](http://www.tigerfoam.com)

**Evaluation:** Tiger Foam™ Fire Block is an expanding polyurethane foam plastic sealant and was evaluated when tested in accordance with the following standards:

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

**Findings:** Tiger Foam™ Fire Block, when installed at a nominal 3/4-inch-diameter (19 mm) bead where the maximum area of exposed sealant must not exceed 16 square inches per square foot of wall area (1108 cm<sup>2</sup>/m<sup>2</sup>), 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:

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

**Identification:** Packaging of the Tiger Foam™ Fire Block must be labeled with the Commercial Thermal Solutions name, the product type, the ICC-ES evaluation report number (ESR-3885) and/or the ICC-ES listing number (ESL-1042), and when applicable, the ICC-ES listing mark.

**Installation:** The product must be installed in accordance with Commercial Thermal Solutions, Inc.'s 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-3885.
2. The listing report 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 report applies only to the materials tested and as submitted for review by ICC-ES.