



CSI: DIVISION: 05 00 00—METALS
Section: 05 12 23—Structural Steel for Buildings

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: FABREEKA THERMAL INSULATION MATERIAL (Fabreeka-TIM®)

Listee: FABREEKA INTERNATIONAL, INC.

Evaluation: Fabreeka Thermal Insulation Material (Fabreeka-TIM®) consists of a fiberglass-reinforced laminate composite and is a load-bearing thermal break between flanged structural steel connections. Fabreeka-TIM® is available in various plate and washer sizes and in thicknesses up to 2 inches (50.8 mm); and was evaluated when tested at an overall nominal thickness of 2 inches (50.8 mm) and density of 107.83 lb/ft³ (1727 kg/m³) to 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.

Findings: Fabreeka Thermal Insulation Material (Fabreeka-TIM®) has a flame spread index of 25 or less and a smoke-developed index of 450 or less, when tested in accordance with ASTM E84 / UL 723, as referenced in the applicable sections of the following code editions:

- 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

Identification:

1. Fabreeka Thermal Insulation Material (Fabreeka-TIM®) described in this listing report shall be identified by stamp or label on each plate indicating the manufacturer's name (Fabreeka International, Inc.) and address, the product name (Fabreeka-TIM®), the ICC-ES listing report number (ESL-1164), and the ICC-ES listing mark.
2. The report holder's contact information is the following:

FABREEKA INTERNATIONAL, INC.
1023 TURNPIKE STREET
STOUGHTON, MASSACHUSETTS 02072
(800) 322-7352
www.fabreeka.com

Installation: The product must be installed in accordance with the Fabreeka International, Inc.'s published installation instructions and applicable codes.

Conditions of Listing:

1. The listing report addresses only conformance with the standard 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. Fabreeka Thermal Insulation Material (Fabreeka-TIM[®]) is manufactured in Stoughton, Massachusetts under a quality control program with inspections by ICC-ES.