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ICC-ES Listing Report

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ESL-1044

Reissued 12/2017

This listing is subject to renewal 12/2018.

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

REPORT HOLDER:

COVERTECH FABRICATING, INC.

**279 HUMBERLINE DRIVE
ETOBICOKE, ONTARIO M9W 5T6
CANADA**

EVALUATION SUBJECT:

**rFOIL™ REFLECTIVE PLASTIC CORE INSULATION AND rFOIL BIG-8™ REFLECTIVE
PLASTIC CORE DUCT INSULATION**



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



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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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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.

Products: rFOIL™ REFLECTIVE PLASTIC CORE INSULATION, AND rFOIL BIG-8™ REFLECTIVE PLASTIC CORE DUCT INSULATION

Listee: COVERTECH FABRICATING, INC.
279 HUMBERLINE DRIVE
ETOBICOKE, ONTARIO M9W 5T6
CANADA
(416) 798-1340
www.covertechfab.com

Evaluation: rFOIL™ Reflective Plastic Core Insulation and rFOIL BIG-8™ Reflective Plastic Core Duct Insulation were evaluated when tested to the following standards:

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

Findings: rFOIL™ Reflective Plastic Core Insulation has a flame-spread index of 25 or less and a smoke-developed index of 450 or less, and rFOIL BIG-8™ Reflective Plastic Core Duct Insulation has a flame-spread index of 25 or less and a smoke-developed index of 50 or less, per ASTM E84 / UL 723, as referenced in the applicable sections of the following code editions:

- 2009 *International Building Code*®
Applicable Section: 2613.3
- 2009 *International Residential Code*®
Applicable Section: R302.10
- 2009 *International Mechanical Code*®
Applicable Section: 602.2.1 and 604.3

Identification: Each roll of product is labeled with the manufacturer's name (Covertech Fabricating, Inc.); product name (rFoil); surface-burning characteristics; thermal resistance (*R*-value) for rFoil Big-8™; the wording "See [ESR-1236](#) for the thermal resistance (*R*-value) of the assembly or assemblies"; the lot number; product dimensions; the ICC-ES listing number (ESL-1044) and/or the ICC-ES evaluation report number ([ESR-1236](#)), and when applicable, the ICC-ES listing mark.

Installation: The product must be installed in accordance with the Covertech Fabricating, Inc. 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-1236](#).
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.