



ICC-ES Listing Report

Reissued May 2024

ESL-1332

This listing is subject to renewal May 2025.

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: PRODEX ESD-5 REFLECTIVE INSULATION

Listee: PRODUCTOS DE ESPUMA, S.A.

Evaluation: Prodex ESD-5 Reflective Insulation consists of closed cell polyethylene foam plastic insulation core and laminated on both sides with a layer of reinforced aluminum protected by a coating. The product is available in a nominal thickness of $1\frac{3}{64}$ inch (5 mm) and comes in various nominal widths and lengths, perforated or nonperforated; it is also available with an optional adhesive strip applied to the long-dimension of the roll insulation. Prodex ESD-5 Reflective Insulation was evaluated when tested to the following standard:

- ASTM E84 (-07 and -04), Standard Test Method for Surface Burning Characteristics of Building Materials, ASTM International.

Findings: Prodex ESD-5 Reflective Insulation has a flame-spread index of 25 or less and 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 below.

- 2009 and 2006 *International Building Code*®
Applicable Section: 2603.3
- 2009 and 2006 *International Residential Code*®
Applicable Section: R316.3

Identification:

1. Each roll of the product must be labeled with the manufacturer's name (Productos de Espuma), product name (Prodex ESD-5), production order number, product dimensions, flame-spread and smoke-developed indices, the ICC-ES evaluation report ([ESR-2350](#)) and / or the ICC-ES listing report number (ESL-1332), and the ICC-ES listing mark, when applicable. Also included on the label is the following statement: "See ESR-2350 for the thermal resistance (*R*-value) of the assembly or assemblies."
2. The report holder's contact information is the following:

PRODUCTOS DE ESPUMA S.A.
AODO 330-4060 MALL INTERNACIONAL
ALAJUELA
COSTA RICA
506-243-8233 x 22
www.prodexcr.com

Installation: The product must be installed in accordance with the Productos de Espuma'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. The Prodex ESD-5 Reflective Insulation is manufactured in Alajuela, Costa Rica, under a quality control program with inspections by ICC-ES.