



ICC-ES Listing Report

Reissued September 2024

ESL-1142

This listing is subject to renewal September 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: OX ISO RED MAX FOAM PLASTIC INSULATED SHEATHING

Listee: OX ENGINEERED PRODUCTS, LLC

Evaluation: Ox ISO RED MAX Foam Plastic Insulated Sheathing consists of an isocyanurate closed-cell foam core with a 0.0009 inch thick (0.02 mm) front and back foil facer and is available in various sizes and in thicknesses up to 4 inches (101.6 mm); and was evaluated when tested at an overall nominal thickness of 4 inches (101.6 mm) and a nominal density of 2.0 pcf (32.04 kg/m³) to the following standards:

- ASTM E84-16, ASTM E84-2013A, ASTM E84-09, and ASTM E84-07, Standard Test Method for Surface Burning Characteristics of Building Materials, ASTM International.
- UL 723-2008 (with revisions through August 2013), UL 723-2008 (with revisions through September 2010), UL 723-2008, and UL723-03 (revisions through May 2005), Standard for Test for Surface Burning Characteristics of Building Materials, Underwriters Laboratories, LLC

Findings: Ox ISO RED MAX Foam Plastic Insulated Sheathing has a flame-spread index of 25 or less and a smoke-developed index of 450 or less, based on testing in accordance with ASTM E84 / UL 723, as referenced in the applicable sections of the following code editions:

- 2018, 2015, 2012 and 2009 *International Building Code*®
Applicable Section: 2603.3
- 2018, 2015, 2012 and 2009 *International Residential Code*®
Applicable Section: R316.3

Identification:

1. The Ox ISO RED MAX Foam Plastic Insulated Sheathing described in this listing report are packaged in bundles bearing a label indicating the manufacturer's name (Ox Engineered Products, LLC) and address, the product name, the density, the flame-spread index and smoke developed index classification, the ICC-ES listing report number (ESL-1142), and when applicable, the ICC-ES listing mark.
2. The report holder's contact information is the following:

OX ENGINEERED PRODUCTS, LLC
22260 HAGGERTY ROAD
NORTHVILLE, MICHIGAN 48167
(248) 289-9955
www.oxengineeredproducts.com

Installation: The product must be installed in accordance with the Ox Engineered Products, LLC's published installation instructions and applicable codes.

Conditions of Listing:

1. The listing report addresses only conformance with the standards 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. Ox ISO RED MAX Foam Plastic Insulated Sheathing is manufactured in Charleston, Illinois under a quality control program with inspections by ICC-ES.