

UL Evaluation Report



UL ER18546-01

Issued: October 31, 2013
Revised: November 18, 2015

Visit UL's On-Line Certifications Directory:
for current status of Report.

UL Category Code: ULEX

CSI MasterFormat®

DIVISION: 07 00 00 - THERMAL AND MOISTURE PROTECTION

Sub-level 2: 07 20 00 - Thermal Protection

Sub-level 3: 07 21 00 - Thermal Insulation

Sub-level 4: 07 21 13 - Board Insulation

Sub-level 3: 07 22 00 - Roof and Deck Insulation

Sub-level 4: 07 22 16 - Roof Board Insulation

DIVISION: 31 00 00 - Earthworks

Sub-level 3: 31 23 00 - Excavation and Fill

Sub-level 4: 31 23 23 - Fill

COMPANY:

FMI-EPS, LLC
9456 NORTH MCGUIRE RD
POST FALLS, ID 83854

1. SUBJECT:

FMI EPS INSULATION BOARDS

FMI EPS GEOFOAM BLOCKS

2. SCOPE OF EVALUATION:

- 2012 *International Building Code*® (IBC)
- 2012 *International Residential Code*® (IRC)
- 2012 *International Energy Code*® (IECC)
- ICC-ES Acceptance Criteria for Foam Plastic Insulation (AC12), dated June 2012
- ICC-ES Acceptance Criteria for Termite Resistant Foam Plastic (AC239), dated November 2008
- ICC-ES Acceptance Criteria for Quality Documentation (AC10), dated June 2014

The products were evaluated for the following properties:

FMI EPS Insulation Boards:

- Surface Burning Characteristics (ANSI/UL723, ASTM E84)
- Physical Properties (ASTM C578)
- Roofing Systems for Exterior Fire Exposure (ANSI/UL790, ASTM E108)
- Flammability Testing for Use in Attics and Crawl Spaces (AC12, App. A and B)
- Termite Resistance (AC239)

FMI EPS Geofoam Blocks:

- Surface Burning Characteristics (ANSI/UL723, ASTM E84)
- Physical Properties (ASTM D6817)
- Foam Plastic - Special Approval (ANSI/UL1715)
- Termite Resistance (AC239)

3. REFERENCED DOCUMENTS

- ICC-ES Acceptance Criteria for Foam Plastic Insulation (AC12), dated June 2012
- ICC-ES Acceptance Criteria for Termite Resistant Foam Plastic (AC239), dated November 2008
- ICC-ES Acceptance Criteria for Quality Documentation (AC10), dated December 2012
- ANSI/UL723 (ASTM E84), Test for Surface Burning Characteristics of Building Materials
- ANSI/UL790 (ASTM E108), Standard Test Methods for Fire Tests of Roof Coverings
- ANSI/UL1715, Fire Test of Interior Finish Material
- ASTM C578, Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation
- ASTM D6817, Standard Specification for Rigid Cellular Polystyrene Geofoam
- ASTM D7180, Standard Guide for Use of Expanded Polystyrene (EPS) Geofoam in Geotechnical Projects
- ASTM D7557, Standard Practice for Sampling of Expanded Polystyrene Geofoam Specimens

4. USES

4.1 FMI EPS Insulation Boards (ASTM C578 Types I, VIII, II, IX, XIV, and XV):

FMI EPS Insulation Boards are used as nonstructural insulation on the interior or exterior of above grade walls, on the interior or exterior of below grade walls, below concrete slabs, around concrete slab edges, or as roof insulation. Installation shall be in accordance with Section 6.2 of this report.