



CSI: DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 46 00—Siding

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: ASCEND™ COMPOSITE CLADDING

Listee: ASSOCIATED MATERIALS, INC.

Evaluation: ASCEND™ Composite Cladding is a horizontal lap siding comprised of a cap extruded from either polyvinyl chloride (PVC) resin or acrylonitrile styrene acrylate (ASA) resin mixed into a proprietary blended compound adhered to an expanded polystyrene foam plastic backing. The EPS foam plastic backing is manufactured using BASF NEOPOR® F2300 expanded polystyrene beads produced by BASF, as recognized in ICC-ES evaluation report ESR-2784 which complies with the ICC-ES Acceptance Criteria for Foam Plastic Insulation (AC12).

The cladding is produced in 12¹/₄ feet (3.7 m) lengths with a nominal wall thickness of ³/₄ inch (19.1 mm). Panels are formed with an upper edge having nail slots and a lower edge that stacks into the upper edge of the lower course. The cladding is available in a range of colors. The cladding was evaluated based on testing in accordance with the following standards:

- ASTM E84-16, ASTM E84-2013A, ASTM E84-09, ASTM E84-07 and ASTM E84-04, Standard Test Method for Surface Burning Characteristics of Building Materials, ASTM International.

Findings: ASCEND™ Composite Claddings 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, as referenced in the applicable sections of the following code editions:

- 2018 *International Building Code*®
Applicable Section: 803.1.2
- 2015, 2012, and 2009 *International Building Code*®
Applicable Section: 803.1.1
- 2006 *International Building Code*®
Applicable Section: 803.1
- 2018, 2015, 2012, 2009 and 2006 *International Residential Code*®
Applicable Section: R302.9

Identification:

1. Each package of ASCEND Composite Cladding described in this report is identified, with the report holder's name (Associated Materials, Inc.) and address, the product designation, the manufacturing date code, the R-value and the evaluation report number ([ESR-4449](#)) and/or the listing report number (ESL-1391), and when applicable, the ICC-ES Listing Mark.

2. The report holder's contact information is the following:

ASSOCIATED MATERIALS, INC.
3773 STATE ROAD
CUYAHOGA FALLS, OHIO 44223
(330) 922-6009
www.associatedmaterials.com

Installation: The product must be installed in accordance with the Associated Materials, Inc. 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. ASCEND™ Composite Cladding is manufactured under a quality control program with inspections by ICC-ES.