



CSI: DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 42 43 – Composite Wall Panels

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: OMEGA-LITE® ACM PANELS

Listee: LAMINATORS INC.

Evaluation: Omega-Lite® ACM panels are prefabricated panels consisting of a 0.185-inch (4.7 mm) thick extruded polypropylene core bonded to an unfinished 0.013-inch (0.33 mm) thick aluminum backer sheet on one side and a finished 0.028-inch (0.71 mm) thick aluminum sheet on the other side to create an overall panel thickness of 0.24-inch (6 mm) nominal; the panels were evaluated when tested in accordance to the following standard:

- ASTM D1781-98 (Reapproved 2012), Standard Test Method for Climbing Drum Peel for Adhesives, ASTM International.

Findings: Omega-Lite® ACM panels, when evaluating the exterior and interior facers, have a peel strength in both machine and cross directions as specified in Table 1 based on testing in accordance with ASTM D1781.

TABLE 1—PEEL STRENGTH VALUES OF OMEGA-LITE® ACM PANELS

FACING	MACHINE DIRECTION	CROSS DIRECTION
EXTERIOR FACE	20.66 in-lb/in	26.58 in-lb/in
INTERIOR FACE	16.83 in-lb/in	32.15 in-lb/in

For SI: 1 inch-pound per inch = 4.44 N-mm per mm

Identification:

1. Packaging of the Omega-Lite® ACM panels carry a label indicating the manufacturer’s name (Laminators Inc.) and address, the product name (Omega-Lite® ACM panels), ICC-ES listing number (ESL-1251), and when applicable, the ICC-ES listing mark.
2. The report holder’s contact information is the following:

LAMINATORS INC.
3255 PENN STREET
HATFIELD, PENNSYLVANIA 19440
(877) 663-4277
www.laminatorsinc.com

Installation: The product must be installed in accordance with Laminators Inc'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 Omega-Lite® ACM panels are manufactured under a quality control program with inspections by ICC-ES.