



## ICC-ES Listing Report

### ESL-1546

Issued August 2023

This listing is subject to renewal August 2024.

**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:** REYNOBOND® FR METAL COMPOSITE MATERIAL (MCM) PANELS

**Listee:** ARCONIC ARCHITECTURAL PRODUCTS, LLC

**Evaluation:** Reynobond® FR MCM panels, with an overall thickness of 0.157 inch (4 mm), consist of two nominally 0.020-inch-thick aluminum skins bonded to both surfaces of a polyethylene-based core containing inorganic fillers. The panels weigh 1.55 lbf/ft<sup>2</sup> (7.56 kg/m<sup>2</sup>) and the core material has a nominal density of 103.8 lb/ft<sup>3</sup> (1.66 g/cm<sup>3</sup>). The aluminum skins are available in anodized, brushed, or coil-applied-painted finishes. The product was evaluated based on testing at a thickness of 0.157 inch (4 mm) to the following standard:

- CAN/ULC-S102-10, Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies, Underwriters Laboratories of Canada

**Findings:** Reynobond® FR Metal Composite Materials (MCM) Panels, in a thickness of 0.157 inch (4 mm), have a flame-spread rating of 0 and a smoke-developed classification of 5, when tested in accordance with CAN/ULC-S102, as referenced in the applicable section of the following code edition.

- *National Building Code of Canada*® 2020 and 2015  
Applicable Section: Volume 1, Division B, Section 3.1.12.

#### Identification:

1. The ICC-ES mark of conformity, electronic labeling, or the listing report number (ICC-ES ESL-1546), and when applicable, the ICC-ES listing mark, along with the name, registered trademark, or registered logo of the listee must be included in the product label.
2. In addition, packaging of the Reynobond® FR Metal Composite Materials (MCM) Panels carries a label indicating the manufacturer's address, and the product name.
3. The report holder's contact information is the following:

ARCONIC ARCHITECTURAL PRODUCTS, LLC  
50 INDUSTRIAL BOULEVARD  
EASTMAN, GEORGIA 31023  
(478) 374-4746  
[www.reynobond.com](http://www.reynobond.com)

**Installation:** The product must be installed in accordance with the Arconic Architectural Products, LLC published installation instructions and applicable codes.

**Conditions of listing:**

1. The listing 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 applies only to the materials tested and as submitted for review by ICC-ES.
4. Reynobond® FR Metal Composite Materials (MCM) Panels are manufactured under a quality control program with inspections by ICC-ES.