



## ICC-ES Listing Report ESL-1182

Reissued September 2024

This listing is subject to renewal September 2025.

**CSI:** DIVISION: 09 00 00—FINISHES  
Section: 09 96 43—Fire-Retardant Coatings

### 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:** B5 CuB

**Listee:** B5 INDUSTRIES

**Evaluation:** B5 CuB is a copper-borate solution and fire-retardant coating; when applied on unfinished spruce pine fir dimensional lumber and plywood complying with DOC PS-1 at a minimum coverage rate of 10 m<sup>2</sup>/L (407.5 square feet per gallon), the B5 CuB fire-retardant coating was evaluated based on testing in accordance with the following standards:

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

**Findings:** The B5 CuB fire-retardant coating has a flame spread index of 25 or less and a smoke-developed index of 450 or less, when tested in accordance with ASTM E84 / UL 723, as referenced in the applicable sections of the following code editions:

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

### Identification:

1. Containers of B5 CuB fire-retardant coating are identified by the label bearing the manufacturer's name (B5 Industries) and address, the product name (B5 CuB), the date of the manufacture, shelf life, the manufacturer's instructions for application, the ICC-ES listing report number (ESL-1182), and the ICC-ES listing mark.
2. The report holder's contact information is the following:

B5 INDUSTRIES  
9928 BEL RANCH DRIVE  
SANTA FE SPRINGS, CALIFORNIA 90670  
(657) 363-2072  
[www.B5industries.com](http://www.B5industries.com)

**Installation:** The product must be installed in accordance with the the B5 Industries published instructions for application 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 B5 CuB fire-retardant coating is manufactured in Acheson, Alberta, Canada under a quality control program with inspections by ICC-ES.