



## ICC-ES Listing Report

Reissued February 2024

### ESL-1511

This listing is subject to renewal February 2025.

**CSI:** DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION  
Section: 07 21 00—Thermal Insulation

#### 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:** AIRKRETE TYPE SB

**Listee:** SOUND BUILD INC.

**Evaluation:** Sound Build Inc. AirKrete Type SB pumped-in-place insulation was evaluated when tested at the nominal in-place density and thickness specified below, when tested to the following standards:

- ASTM E84 (-2018B), Standard Test Method for Surface Burning Characteristics of Building Materials, ASTM International.
- UL 723 (-2018), Standard for Test for Surface Burning Characteristics for Building Materials, UL Laboratories, Inc.

**Findings:** Sound Build Inc. AirKrete Type SB pumped-in-place insulation, at a thickness of 4 inches (102 mm) and an in-place density of 5.5 lb/ft<sup>3</sup> (88 kg/m<sup>3</sup>), with or without a polypropylene fabric facer, has a flame-spread index of 25 or less and smoke-developed index of 450 or less, based on testing in accordance with ASTM E84 / UL 723, as referenced in the applicable sections of the following code editions:

- 2021 *International Building Code*®  
Applicable Section: 720.2
- 2021 *International Residential Code*®  
Applicable Section: R302.10.1

#### Identification:

1. The ICC-ES mark of conformity, electronic labeling, or the listing report number (ICC-ES ESL-1511), 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 components used to field-produce the pumped-in-place insulation described in this listing report bear a label indicating the component manufacturer's name and address, the product name, and product type.
3. The report holder's contact information is the following:

**SOUND BUILD INC.**  
1798 GREAT HWY #3  
SAN FRANCISCO, CALIFORNIA 94122  
(415) 672-2485  
[veit@soundbuild.com](mailto:veit@soundbuild.com)  
[www.soundbuild.com](http://www.soundbuild.com)

**Installation:** The product must be installed in accordance with the Sound Build 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. Components used to produce Sound Build Inc. AirKrete Type SB pumped-in-place insulation are manufactured under a quality control program with inspections by ICC-ES.