



## ICC-ES Listing Report ESL-1578

Issued April 2024

This listing is subject to renewal April 2025.

**CSI:** DIVISION: 06 00 00—WOOD, PLASTIC AND COMPOSITES  
Section: 06 50 00—Structural Plastics

### Product Certification System:

The ICC-ES product-certification system includes evaluating evidence in support of test data 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:** TekTherm AK300HT

**Listee:** THERMAL BREAKS GROUP

**Evaluation:** The TekTherm™ AK300HT insulator was evaluated when tested at a nominal thickness of 0.25 inches (6.35 mm) and 0.5 inches (12.7 mm) to the following standards:

- ASTM D732-2017, Standard Test Method for Shear Strength of Plastics by Punch Tool, ASTM International.

**Findings:** The TekTherm™ AK300HT insulator in thicknesses of 0.25 in (6.35 mm) and 0.5 in (12.7 mm) have a maximum shear strength of 12.9 ksi (88.9 MPa) and a 14.1 ksi (97.2 MPa), respectively, based on testing in accordance with ASTM D732.

### Identification:

1. The ICC-ES mark of conformity, electronic labeling, or the listing report number (ICC-ES ESL-1578) 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 TekTherm AK300HT carries a label indicating the manufacturer's address, the product name, and the ICC-ES Listing Mark.
3. The report holder's contact information is the following:

**THERMAL BREAKS GROUP**  
3870 LA SIERRA AVENUE, UNIT 200  
RIVERSIDE, CA 92505(951) 519-9855  
[info@thermal-breaks.us.com](mailto:info@thermal-breaks.us.com)

**Installation:** The system/product must be installed in accordance with the Thermal Breaks Group published installation instructions and applicable codes.

### Conditions of listing:

1. The listing addresses only conformance with the standards 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. The ultimate shear strength values reported are not intended to be used as design values. Design values based on a safety factor may be established by the registered design professional and approved by the authority having jurisdiction.
5. The TekTherm AK300HT is produced under a quality control program with inspections by ICC-ES.