



CSI: DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES
Section: 06 50 00—Structural Plastics
Section: 06 53 00—Plastic Decking
Section: 06 63 00—Plastic Railings

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: CALI BAMBOO TRUORGANICS® 3G, 3G WIDE AND SQUARE EDGE COMPOSITE DECK BOARDS AND COMPOSITE RAILS

Listee: CALI BAMBOO, LLC

Evaluation: The Cali Bamboo TruOrganics® 3G, 3G Wide (3GW) and Square Edge composite deck boards and composite top and bottom rails in Cali Bamboo composite guardrails are manufactured composite products consisting of rich hull powders, high-density polyethylene (HDPE), and other processing additives; and are manufactured by a co-extrusion process with an integrated shell heat-pressed onto the core of the deck boards. The TruOrganics® 3G composite deck boards come in nominal 1-inch-thick-by-5⁷/₁₆-inch-wide (21.5 mm x 138.6 mm) planks; the TruOrganics® 3GW composite deck boards come in nominal 1-inch-thick-by-8¹/₄-inch-wide (21.3 mm x 211 mm) planks; and the TruOrganics® Square Edge composite deck boards come in nominal 1-inch-thick-by-5⁷/₁₆-inch wide (21.5 mm x 138 mm) planks. The nominal 1-inch-thick-by-5⁷/₁₆-inch wide (21.5 mm x 138.6 mm) planks were evaluated based on testing in accordance with the following standards:

- ASTM E84-2018B, ASTM E84-2016, ASTM E84-2013A and ASTM E84-09, Standard Test Method for Surface Burning Characteristics of Building Materials, ASTM International
- UL 723-2018 and UL 723-2008 (with Revisions through September 2010), Standard for Test for Surface Burning Characteristics for Building Materials, Underwriters Laboratories, Inc.

Findings: The Cali Bamboo TruOrganics® composite deck boards have a flame-spread index less than 200, when tested in accordance with ASTM E84/UL 723, as referenced in the applicable sections of the following code editions:

- 2021 and 2018 *International Building Code*®
Applicable Section: 2612.3
- 2015 and 2012 *International Building Code*®
Applicable Section: 2612.3
- 2021 and 2018 *International Residential Code*®
Applicable Section: R507.2.2.2
- 2015 and 2012 *International Residential Code*®
Applicable Section: R507.3.2

Identification:

1. The ICC-ES mark of conformity, electronic labeling, or the evaluation report number (ICC-ES ESR-4179 or the listing report number (ESL-1174), 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. The Cali Bamboo TruOrganics® 3G, 3GW, and Square Edge composite deck boards and composite rails described in this listing report are identified by a product label on each individual piece, on the packaging, bearing the Cali Bamboo, LLC name and address, the product name (TruOrganics® 3G, 3G Wide (3GW),

Square Edge Composite Decking or Composite Rail), and the allowable span for use as a deck board, stair tread, and top or bottom rail, as applicable.

3. Each package of Cali Bamboo universal hidden fastening systems must bear a product label with the product name (CB1-1 Hand Driven, CB1-1 Pneumatic, or TC-G Hand Driven).
4. The report holder's contact information is the following:

CALI BAMBOO, LLC
662 ENCINITAS BOULEVARD, SUITE 270
ENCINITAS, CALIFORNIA 92024
(888) 788-2254
www.calibamboo.com

Installation: The product must be installed in accordance with the Cali Bamboo, LLC's published installation instructions and applicable codes.

Conditions of listing:

1. Additional attributes and their applications can be found in the ICC-ES Evaluation Report, ESR-4197.
2. The listing addresses only conformance with the standards and code sections noted above.
3. Approval of the product's use is the sole responsibility of the local code official.
4. The listing applies only to the materials tested and as submitted for review by ICC-ES.
5. The product is produced under a quality control program with inspections by ICC-ES.