



CSI: DIVISION: 22 00 00—PLUMBING  
Section: 22 40 00—Plumbing Fixtures (Shower System Kit)

**Product certification system:**

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Products: Triton WPBK, Triton BK™, Triton WP, Triton Board, JetBacker™, and JetBoard™ Tile Backer Board and Underlayment

Listee: MiTek Inc.  
16023 Swingley Ridge Rd.  
Chesterfield, MO 63017  
[www.mii.com](http://www.mii.com)  
[www.tritonwatertight.com](http://www.tritonwatertight.com)

**Compliance with the following codes:**

2021, 2018, 2015, 2012 and 2009 *International Plumbing Code*® (IPC)  
2021, 2018, 2015, 2012 and 2009 *International Residential Code*® (IRC)  
2021, 2018, 2015, 2012 and 2009 *Uniform Plumbing Code*® (UPC)\*  
2017 Uniform Illustrated Plumbing Code – India™ (UIPC-I)\*  
2022, 2019 and 2016 *California Plumbing Code* (CPC)  
2023, 2020 and 2017 *City of Los Angeles Plumbing Code*  
2020, 2015, 2010 and 2005 *National Plumbing Code of Canada*\*\*

\**Uniform Plumbing Code* is a copyrighted publication of the International Association of Plumbing and Mechanical Officials

\*\* *National Plumbing Code of Canada* is a copyrighted publication of National Research Council Canada

**Compliance with the following standard:**

TCNA/ANSI A118.9-2019, Test Methods and Specifications for Cementitious Backer Units – Sections 3.0, 4.0, and 5.0  
TCNA/ANSI A118.10-2014(R2019), Load Bearing, Bonded, Waterproof Membranes for Thin-Set Ceramic Tile and Dimension Stone Installations  
ASTM E84-2023, Test Method for Surface Characteristics of Building Materials  
ASTM E96-2021ae1, Test Methods for Gravimetric Determination of Water Vapor Transmission Rate of Materials  
ASTM E119-2022, Test Method for Fire Tests of Building Construction and Materials

ICC-ES AC115-2003, Acceptance Criteria for Waterproofing Membranes for Flooring and Shower Lining (Editorially revised February 2021)  
DOC PS 2-2018, Department of Commerce (DOC) Performance Standard for Wood Structural Panels

Identification:

Packaging label for each system shall include the manufacturer's name or trademark as well as the ICC-ES PMG certification mark.

Installation:

The Triton BK / WP / WPBK™ / Board, JetBacker™ and JetBoard™ products shall be installed in accordance with the manufacturer's published instructions and the applicable code(s).

Models:

Triton BK, Triton Board, Triton WPBK, JetBoard, and JetBacker are all moisture, mold and mildew resistant, glass-mat reinforced magnesium cement boards, using the same patented cement binder.

The Triton BK and JetBacker™ have a flame-spread rating of 0 and smoke development rating of less than 10 for a Class A rating when tested in accordance with ASTM E84 and is available in sizes, 3 x 5 foot by 1/4 inch thick (914 x 1524 x 6 mm) and 3 x 5 foot by 1/2 inch thick (914 x 1524 x 12 mm) and 3 x 5 foot by 1/8 inch thick (914 x 1524 x 3 mm) and 4 x 8 foot by 1/4 inch thick (1220 x 2440 x 6 mm) and 4 x 8 foot by 1/2 inch thick (1220 x 2440 x 12 mm).

Triton WPBK™ is a water, mold, and fire-resistant tile backer board underlayment that combines the magnesium cement technology of Triton BK together with a factory applied Triton WP™ watertight membrane and vapor barrier, a three-layer combination of non-woven polypropylene and waterproof polyethylene. The Triton WP™ watertight membrane fully complies with ANSI A118.10. Triton WPBK™ is available in size, 3 x 5 foot by 1/2-inch-thick (914 x 1524 x 12 mm).

For steam showers designed for continuous use, Triton WP and Triton WPBK™ have been verified to have a water vapor permeance rating of 0.5 perms or less when tested per ASTM E96, Procedure E, tested at 90% relative humidity, as required by TCNA Installation Method SR613 and SR614.

The Triton Board and JetBoard™ is has a 1-hour assembly rating when tested to ASTM E119 and has a Class A rating when tested in accordance with ASTM E84. They are available in 3 standard sizes 4 x 8 foot (1220 x 2440 mm), 4 x 9 foot (1220 x 2744 mm) and 4 x 10 foot (1220 x 3048 mm) and 2 width sizes of 1/4 inch (6 mm) or 1/2 inch (12 mm) thick.

The Triton Board and JetBoard™ were found to have a linear and thickness expansion due to humidity of less than 0.25% when tested to ASTM D1037 and DOC PS 2, Section 7.10 and to have an average bending strength of 1226 psi and stiffness of 486393 psi following a moisture cycle test as prescribed in Section 7.17 of DOC PS 2.

Conditions of Listing:

1. The products shall be installed in accordance with the manufacturer's published instructions and the applicable code(s).
2. The products are under a quality control program with annual surveillance inspections by ICC-ES.