

# ICC-ES Evaluation Report

**ESR-5344**


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<p><b>DIVISION: 09 00 00—FINISHES</b></p> <p><b>Section: 09 30 00—Tiling</b></p>	<p><b>REPORT HOLDER:</b></p> <p><b>DMX MEMBRANES LIMITED</b></p>	<p><b>EVALUATION SUBJECT:</b></p> <p><b>DMX TILE MEMBRANE</b></p>	
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## 1.0 EVALUATION SCOPE

**Compliance with the following codes:**

- 2024, 2021 and 2018 [International Building Code® \(IBC\)](#)
- 2024, 2021 and 2018 [International Plumbing Code® \(IPC\)](#)
- 2024, 2021 and 2018 [International Residential Code® \(IRC\)](#)

**Property evaluated:**

- Waterproofing

## 2.0 USES

DMX Tile Membrane is a waterproofing membrane for use on concrete floors as a barrier in bonded thin-set installation of code-approved ceramic tile and dimension stone. The membrane is also used as a shower sub-pan lining in accordance with IPC Section 421.5.2; and as a lining material in accordance with Section P2709.2 of the IRC.

## 3.0 DESCRIPTION

**3.1 DMX Tile Membrane:** DMX Tile Membrane is made from rigid high density polyethylene plastic. The plastic membrane has circular dimples spaced in a symmetrical layout and has thickness of 120 mils [0.12 in. (3 mm)]. The dimples have a height of 0.10 -inch (2.5 mm) and are fused to a fleece type fabric. The rolls come in at 3.25 feet (991 mm (990 mm) wide and 15.7 feet (4.8 m) in length.

**3.2 DMX Vapor Band:**

DMX Vapor Band is an accessory that is used with DMX Tile Membrane in accordance with the manufacturer’s published installation instructions. The accessory is a waterproofing strip, designed to seal joints and protection against moisture. DMX Vapor Bands are 16 feet (5 m) long and 5 inches (12.5 cm) in wide.

## 4.0 INSTALLATION

Installation of DMX Tile Membrane and accessory must comply with this report and the manufacturer’s published installation instructions. The manufacturer’s published installation instructions must be available at the jobsite at all times.

The membrane is suitable for use with any bonded, thin-set mortar without the need for additional adhesives or primers.

The membrane is separated at expansion joints to avoid destruction of the joint movement, and the seams are sealed with flexible DMX Vapor Band.

## 5.0 CONDITIONS OF USE:

DMX Tile Membrane described in this report complies with, or is a suitable alternative to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 Installation must comply with this report, the manufacturer's published installation instructions and the applicable code. In the event of a conflict between the manufacturer's published installation instructions and this report, this report governs.
- 5.2 This report is limited to evaluation of the membranes for interior use. Other applications are outside the scope of this report.
- 5.3 DMX Tile Membrane and accessories are produced under a quality control program with inspections by ICC-ES.

## 6.0 EVIDENCE SUBMITTED

- 6.1 Data in accordance with [ICC-ES Acceptance Criteria for Waterproof Membranes for Flooring and Shower Liners \(AC115\)](#), dated June 2003 (Editorially revised April 2024)
- 6.2 Report of Load Bearing, Bonded, Waterproofing Membranes for Thin-Set Ceramic Tile and Dimension Stone Installation I accordance with ANSI A118.10-2014 (R19).

## 7.0 IDENTIFICATION

- 7.1 The ICC-ES mark of conformity, electronic labeling, or the evaluation report number (ICC-ES ESR-5344) along with the name, registered trademark, or registered logo of the report holder (DMX Membranes Limited) must be included in the product label.
- 7.2 In addition, packaging for DMX Tile Membrane and accessories must bear a label indicating the manufacturer's name (DMX Membranes Limited) and the product name.
- 7.3 The report holder's contact information is the following:

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