CSI: DIVISION: 22 00 00—PLUMBING
Section: 22 40 00—Plumbing Fixtures (Shower Pan Liner)

DIVISION: 09 00 00— FINISHES
Section: 09 30 00—Tiling

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.

Product: ARDEX TLT™ Shower Systems and Tile Backer Board Underlayments

Listee: ARDEX AMERICAS
400 Ardex Park Drive
Aliquippa, PA 15001
www.ardexamericas.com

Compliance with the following codes:

2024, 2021, 2018, 2015, 2012 and 2009 *International Plumbing Code®* (IPC)
2024, 2021, 2018, 2015, 2012 and 2009 *International Residential Code®* (IRC)
2024, 2021, 2018, 2015, 2012 and 2009 *Uniform Plumbing Code®* (UPC)*
2022 *Uniform Illustrated Plumbing Code-India™* (UIPC-I)*

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Compliance with the following standard:

ANSI/TCNA A118.12-2014(R19), Specification for Robinson Floor Test and Crack Isolation Membranes for Thin Set Ceramic Tile and Dimension Stone Installation
ASTM C666-2015, Test Method for Resistance of Concrete to Rapid Freezing and Thawing
ASTM E84-2024, Test Method for Surface Characteristics of Building Materials
ASTM E331-2000(R2023), Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference
IAPMO PS 106-2015e1, Tileable Shower Receptors and Shower Kits

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 Shower Systems or Boards shall be installed in accordance with the manufacturer's published instructions and the applicable code(s). Shower system components shall be assembled and can be customized in the field. All shower bases and panels can be cut to size with hand saws or skill saws. Round curvy cuts can be made with a hand saw or jig saw. Pre-sloped, ready to tile shower bases may be used in lieu of an ANSI Z124.1.2 plastic shower receptor or any liner based shower base installation.

When provided, drains must comply with ASME A112.18.2/CSA B125.2 as applicable.

Models:

The Shower Systems are pre-sloped, ready-to-tile floor units. Shower panels are engineered as a general purpose backer board and underlayment for tile and consist of rigid extruded polystyrene foam covered on both sides with a waterproof surface for durability and bonding with any type of thinset mortar. Shower bases and wall panels, system assembly and components were proven to be waterproof when tested in accordance with IAPMO PS 106 and ASTM E331. Material was verified as having no visual defects or cracks when tested to ASTM C666 and the installation is rated "Extra Heavy" when tested to ANSI A118.12 and has a flame-spread rating of 0 and smoke development rating of 70 for a Class A rating when tested in accordance with ASTM E84.

Shower system may include the following components: shower bases, wall panels, curbs, niches, waterproofing membrane, seats, benches, ramps, vapor barrier, fasteners, cover plates, sealants and drain. Waterproof membrane compliant with ANSI/TCNA A118.10 is certified under ICC-ES PMG-1115

PRODUCT NAME	PART NUMBER	DESCRIPTION
ARDEX TLT™ Shower Bases	available in an unlimited number of thicknesses, shapes, and sizes ranging up to 96" x 96" in diameter.	Composite sheet membrane comprised of an inner layer of polyethylene between one outer layer of polypropylene nonwoven and one layer of release lined butyl adhesive applied to a 2% presloped EPS foam base with integrated linear and point drain assemblies.
ARDEX TLT™ Building Panels	available in a number of thicknesses (1/8" to 2") and sizes ranging up to 48" x 96" in diameter.	XPS foam panel manufactured with a waterproof proprietary blend of synthetic polymer mortar and an alkali resistant fiber mesh.

Conditions of Listing:

1. Application is limited to use as shower sub-pans or lining.
2. Products recognized in this listing are manufactured under a quality control program with an annual surveillance inspection by ICC-ES.