

ICC-PMG 1189 Report ■ National Building Code Compliances

WEDI FUNDO® SHOWER SYSTEM AND TILE BACKER BOARD UNDERLAYMENTS	
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.
Product	wedi Fundo® Shower System and Tile Backer Board Underlayments
Listee	wedi Corporation ■ 1160 Pierson Drive, Batavia, IL 60510. www.wedincorp.com
Compliance with the following codes	<p>2024, 2021, 2018, 2015, 2012 and 2009 International Plumbing Code® (IPC)</p> <p>2024, 2021, 2018, 2015, 2012 and 2009 International Residential Code® (IRC)</p> <p>2024, 2021, 2018, 2015, 2012 and 2009 International Building Code® (IBC)</p> <p>2024, 2021, 2018, 2015, 2012 and 2009 National Standard Plumbing Code® (NSPC)</p> <p>2024, 2021, 2018, 2015, 2012 and 2009 Uniform Plumbing Code® (UPC)*</p> <p>2022, 2019, 2016 and 2013 California Plumbing Code (CPC)*</p> <p>2023, 2020 and 2017 City of Los Angeles Plumbing Code</p> <p>2020, 2015, 2010 and 2005 National Plumbing Code of Canada**</p> <p>* Uniform Plumbing Code is a copyrighted publication of the International Association of Plumbing and Mechanical Officials</p> <p>** National Plumbing Code of Canada is a copyrighted publication of National Research Council Canada</p>
Compliance with the following standards	<p>ANSI A118.10-2023, Load Bearing, Bonded, Waterproof Membranes for Thinsit Ceramic Tile and Dimension Stone Installations</p> <p>ANSI/TCNA A118.18-2023, Test Methods and Specifications for Foam Core Backer Boards</p> <p>ASME A112.18.2/CSA B125.2-2020, Plumbing Waste Fittings</p> <p>ASTM E 96-2024, Standard Test Methods for Gravimetric Determination of Water Vapor Transmission of Materials</p> <p>ASTM E 331-00(R23), ASTM E331-00(2016) Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference</p> <p>ICC-ES EG 159, Evaluation Guideline for Composite Backer Board (Approved Dec 2004)</p> <p>ICC-ES AC 71, Acceptance Criteria for Foam Plastic Sheathing Panels Used as Water Resistive Barriers (Approved Feb 2003, Ed Revised Nov 2018)</p> <p>IAPMO PS 46-2012, Field Fabricated Tiling Kits</p> <p>IAPMO PS 106-2015e1, Tileable Shower Receptors and Shower Kits</p>
Identification	Packaging label for each system shall include the manufacturer's name or trademark as well as the ICC-ES PMG certification mark.
Installation	<p>The wedi Fundo® Shower Systems shall be installed in accordance with the manufacturer's published instructions and the applicable code(s).</p> <p>The wedi Fundo® Shower System components shall be assembled and can be customized in the field.</p> <p>When provided drains must comply with ASME A112.18.2/CSA B125.2 as applicable. The wedi pre-sloped, ready-to-tile shower bases may be used in lieu of a CSA B45.5/ IAPMO Z124 plastic shower receptors or any liner based shower installations. The wedi drain units do not require weep holes.</p>
Listed Models and Characteristics	<p>The wedi Fundo® Shower Systems consist of the following:</p> <p>a) The wedi Fundo® shower bases are waterproof, pre-sloped, ready-to-tile floor units. The shower bases with linear and point drainage include factory sealed parts integrated into the floor bases and can be installed with or without curbs in recess, barrier free installations.</p> <p>b) The wedi® Building Panels are inherently waterproof and are engineered as a general purpose backer board and underlayment for tile. They also serve as an integral part of the wedi Fundo® shower system and consist of a rigid extruded polystyrene foam covered on both sides with a cement-based resin surface and reinforcing mesh for durability and bond performance with tile adhesives.</p> <p>c) The wedi® Vapor 85 Building Panel which may be used with or without wedi Fundo® shower systems, is a specialized building panel featuring the original wedi® Building Panel but with its vapor exposed side protected by wedi® Subliner Dry. The wedi® Vapor 85 was tested to ASTM E96 Procedure E as a complete assembly with the wedi® 620 joint sealing membrane and wedi® Subliner Dry sealing tape over seams and fastener points and was found to have a perm rating of 0.03 perms which meets the permeance rating requirement of 0.5 perm or less and can be used in continuous use steam shower/room applications without additional vapor retarders in accordance with Tile Council of North America (TCNA) 2014 Handbook for Ceramic Glass and Stone Tile Installation (SR613-14 and SR614-14).</p> <p>d) The wedi Fundo® Shower System accessories which may include the following waterproof components: wedi® pre-sloped curbs, wedi® niches, wedi® seats and benches, wedi® shower base extensions and ramps, wedi® fasteners, wedi® drain cover and drain cover frames, wedi® joint sealant, wedi® Fundo Click and Seal® drain, wedi® Subliner Dry sheet waterproofing membrane system and tapes, wedi® Subliner Dry Tub Sealing Tape or wedi® Curbless Shower Recess Kit.</p> <p>The wedi Fundo® family line includes the following: wedi Fundo® (shower bases with a point drain and for primary use with curbs), wedi Fundo® Linear (shower bases with integrated linear drain and featuring single slope or 4-way slope designs), and wedi Fundo® Curbless (shower bases for curbless, floor-level entry showers with a point drain). The wedi Fundo® Shower System components and assembly for shower installations were proven to be waterproof, water-resistant, and mold resistant when tested in accordance with A118.10-2014 and ASTM E331. The wedi® Drains have found to comply with with ASME A112.18.2/CSA B125.2 and do not require weep holes.</p>
Conditions of Listing	<p>1. The wedi Fundo® Shower Systems, Building Panels and System Accessories shall be installed in accordance with the manufacturer's published instructions and the applicable code(s).</p> <p>2. The wedi Fundo® Shower Systems are under a quality control program with annual surveillance inspections by ICC-ES</p>

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