wedi Prefabricated Modules & Design Upgrades

Technical Data Sheet

...wedi®

- Modular factory constructed benches, seats, niches, curbs and ramps to meet all your shower design needs
- 100% waterproof – wedi XPS foam.
- Insulating properties reduce vapor transmission pressure and save energy
- No need for framework support under wedi preformed seating modules.
- Broad variety of standard products and limitless custom fabrication possibilities
- Fast, clean and efficient installation through full prefabrication of modules

Product advantages and use for wedi Prefabricated Seats and Benches
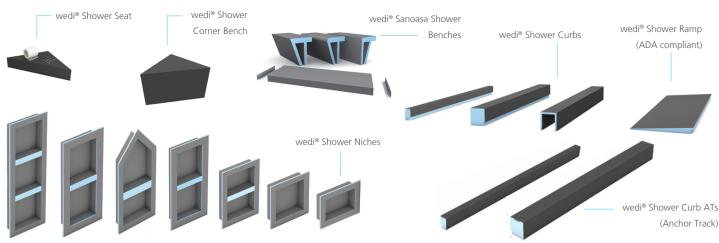
wedi's prefabricated shower seats and benches are much easier and faster to install than metal tray or concrete seats. They also bond well to thinset mortar and are 100% waterproof due to the extruded polystyrene closed-cell foam core. They will not cause efflorescence, discolorations, or waterproofing issues frequently observed with products requiring mortar fills. wedi's prefabricated suspended corner seats do not require additional blocking installed in the framing, and the mounting brackets and their fastening points are hidden from water exposure and are fastened into existing wall studs. wedi's prefabricated suspended corner seats carry up to 350 lbs of weight once installed. All wedi seats are pre-sloped on

Product advantages and use for wedi Prefabricated Shower Niches

wedi prefabricated shower niches are made from wedi 1/2 in. wedi® Building Panels for strength, and come in a variety of different size options to fit every shower necessity. wedi® Shower Niches install quickly, safely, and integrate flush into the wall panel assembly with wedi fasteners and wedi® Joint Sealant. Shelves, included in some models, are optional and may be installed exactly where they best fit the design.

Product advantages and use for wedi Curbs and Ramps

wedi curbs and ramps are available in several options for shower entry designs where transitions are required, and can be installed with wedi Fundo® shower bases as well as conventional mortar bed systems. Waterproof and versatile, wedi curbs and ramps may be tiled before glass doors, panels, or blocks are installed. Epoxy glue is recommended instead of screw fasteners when installing into wedi's solid foam curbs. Optionally, you can also use our wedi® Shower Curb AT (with integrated Anchor Track (AT)) where fastening is required. All wedi curb options except wedi® Curb Caps, which work in combination with 2 x 4 framing support, are slightly sloped to direct water towards the drain of the shower. All wedi curbs can carry a weight of 280 lbs./ft.

wedi® Shower Seat
wedi® Shower Corner Bench
wedi® Sanoasa Shower Benches
wedi® Shower Curbs
wedi® Shower Ramp (ADA compliant)
wedi® Shower Niches
wedi® Shower Curb ATs (Anchor Track)

Technical Properties ▪ wedi Systems

Properties & Test Methods Value (wedi Building Panel and Fundo Shower System Components)		
Tensile Strength *	ASTM D1623-09	76 psi
Waterproof *	ASTM D4068 / ANSI A118.10-1999	Passed
Waterproofness of Assembly *	ASTM E331	Passed, wedi Fundo Kit assembly (complete system)
Capillarity *		0
Fungus / Bacteria Resistance *	ASTM G21	Passed, No Growth
Linear Variation *	AC 159/ASTM 1037-39	Passed, less than 0.07%

* Entire wedi shower system tested

* Consult wedi for proper subfloor, tile, setting materials choice to design heavy duty commercial use floor surfaces.

Approvals & Certificates				
Approvals and certificates applicable to entire Fundo Shower System incl. wedi Building Panel	City of New York, MEA 912-52-SM	Fundo Shower Systems & Building Panels: ICC PMG 1189 (for USA and Canada)	Meets all applicable ANSI/ISO Standards incl. ANSI 118.10 and IAPMO PS106	TCNA handbook recognized for wall, floor, countertop, & more applications
	City of Los Angeles Approved. Please see ICC PMG report.	DIN EN ISO 9001	CE marked	

Environmental Consideration
Contains no unbonded fire retardants like HBCD (Hexabromocyclododecane) which has been banned in Canada and is a toxic substance of high concern with the US EPA.

Technical datasheet wedi Prefabricated Modules I Subject to technical changes, please visit www.wedicorp.com for most up to date data.

wedi Corporation I Office: 847-357-9815 I Fax: 847-357-9819 I info@wedicorp.com I www.wedicorp.com

2

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.wedicorp.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 International Building Code® (IBC)
	2021, 2018, 2015, 2012 and 2009 National Standard Plumbing Code® (NSPC)
	2021, 2018, 2015, 2012 and 2009 Uniform Plumbing Code® (UPC)*
	2019, 2016 and 2013 California Plumbing Code (CPC)*
	2020 and 2017 City of Los Angeles Plumbing Code
	2015, 2010 and 2005 National Plumbing Code of Canada**
	  * Uniform Plumbing Code is a copyrighted publication
	    if 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 standards	ANSI A118.10-2020, Load Bearing, Bonded, Waterproof Membranes for Thin-Set Ceramic Tile and Dimension Stone Installations ASME A112.6.3-2019, Floor and Trench Drains ASTM E 96-2021, Standard Test Methods for Gravimetric Determination of Water Vapor Transmission of Materials ASTM E 331-00(R16), ASTM E331-00(2016) Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference ICC-ES EG 159, Evaluation Guideline for Composite Backer Board (Approved Dec 2004) ICC-ES AC 71, Acceptance Criteria for Foam Plastic Sheathing Panels Used as Water Resistive Barriers (Approved Feb 2003, Ed Revised Nov 2018) IAPMO PS 46-2012, Field Fabricated Tiling Kits 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 wedi Fundo Shower Systems shall be installed in accordance with the manufacturer's published instructions and the applicable code(s). The wedi Fundo Shower system components shall be assembled and can be customized in the field. 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.
Listed Models and Characteristics	The wedi Fundo Shower Systems consist of the following: a) The wedi waterproof Fundo show 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. b) The wedi waterproof building panels which are engineered as a general purpose backer board and underlayment for tile as well as an integral part of the 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. c) the wedi Vapor 85 Building Panel which may be used with or without wedi shower systems. It 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). d) The wedi waterproof Fundo Shower system accessories which may include the following waterproof components: wedi pre-sloped curbs, wedi niches, wedi seats, wedi fasteners, wedi drain cover plates, wedi sealants, wedi Fundo drains, wedi Subliner sheet waterproofing membrane system and tapes, with wedi Subliner Dry Bonding Flange drain, wedi Subliner Dry Tub Sealing Tape. The wedi Fundo family line includes the following: Primo, Riolito, Riolito Modular, Riofino, Discreto, Ligno and OneStep. 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.

wedi Prefabricated Module Technical Drawings

To view/download the technical drawings for all types of wedi Prefabricated Modules, click here.

Requirements/Limitations for wedi products used in Shower and Wet Room applications

To view general limitations, view our Requirements/Limitations section of our technical handbook here and as it may apply to wedi Prefabricated Modules.

Packaging and sales

To view product sizes, click here and choose whether you would like to view seats. benches, niches, curbs or ramps. Once a product type is chosen, scroll down to 'Product Sizes' to view detailed information for each variation of product.

Do not expose to heat/UV rays and store flat.

Storage & Handling

Consult Safety Data Sheet SDS (if available) for safe handling of product

Store product in original packaging on a flat and solid surface and do not store other product or material on wedi product.

Ensure product is protected against traffic and exposure to moving objects to avoid damage to the product.

Protect product during storage in warehouse or on project sites and when in transit against weather and keep at all times in a dry and cool environment (between 41°F to 95°F (5°C to 35°C)) and where product is protected against direct exposure to UV/sunlight.

Warranty

To view our information regarding our general and PRO system warranties, or to submit your PRO warranty registration form, click here.

A copy of wedi's 10, 15 and 20-year system warranty information can downloaded by clicking on the button at the top of the page: Download Warranty.

Training, Installation Resources and Technical Support

To view our training and workshop schedule, click here.

To download our digital technical handbook, click here.

To get in touch with your local technical sales support manager, click here and select your state to be provided with contact information. Or, scroll down and fill out the contact form to send a message directly to your local technical sales support manager!

Architectural Support

- Virtual and in-person AIA Presentations for CEU's
- Specification assistance, technical drawings and more
- For more information, contact Austin Rott, our Commercial Project Division Sales Manager at:

  email: **austin.rott@wedicorp.com**

  phone: **310-279-9132**.