

wedi PRO-SET™

Technical Data Sheet

- High Performance Multi- Purpose Tile Adhesive
- Developed for use with wedi® S-DRY™ shower systems and with wedi Fundo® and wedi® Building Panel cementitious surfaces.
- Optimized for securing large and heavy porcelain and natural stone tile using up to 3/4 inch square notch trowels.
- Optimized non-sag properties for clean and efficient work flow.
- Creamy and smooth consistency for great haptics and workability.
- Easy to handle and spread using a variety of tile trowels.
- 3 hour pot life and no slake time required
- Meets & Exceeds ANSI A118.4, ANSI A118.11, and ANSI A118.15 (C2, T, E)*.
- Supports and completes a 15-Year Limited and Lifetime-Limited PRO warranty installation.
- Available in white.

*ANSI A118.15 (C2, T, E):
- C - Cement based mortar mix
- 2 - Improved and higher bond strength
- T - Thixotropic (non-sag)
- E - Extended open time

Product advantages and use

wedi PRO-SET™ is a polymer modified tile adhesive optimized for adhesion of dense, smooth and heavy tile over wedi® brand product surfaces in interior, wet area applications.









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Suitable Substrates

- wedi Fundo®, wedi® Building Panels, wedi® S-DRY™.
- Common building substrates (concrete that has cured for at least 28 days, CBU in accordance with manufacturer guidelines, etc.)*1
- Existing tiles (tile over tile)*1*2
- Approved waterproofing and uncoupling membranes*1
- Plywood (interior, horizontal applications)
- Metal (non-aluminum; Interior Only).*1 Contact a wedi Technical Sales Support Manager before proceeding further.
- Approved, properly prepared, non-water-soluble adhesive residue on concrete; Properly primed.
- Cement or Fiber Cement backer boards , drywall or Magnesium Oxide panels.*1,*2, *3

*1 Must be sound, solid and well-bonded to underlying, structurally sound substrates.

*2 Some substrates require priming and or treatment - verify tile adhesive can bond safely.

*3 Always verify specific substrates and backerboards are prepared for and intended to adhere with thinset tile adhesive mortars.

*4 wedi PRO-SET™, while bonding amounts of excess water, will need to cure by hydration. Adequate ventilation and heat will aid in drying. Pay special attention when applying PRO-SET between low-absorbing substrates and finishes.

Suitable Tile Finishes

- Porcelain Tile, Quarry Tile, Ceramic Tile, and most Natural Stone Tile
- All tile formats ranging from large to mosaic size tile

Suitable Applications

- Installation over dry or damp (but not wet) substrates
- Installation in interior applications built for dry or wet use (but not submerged)

Contact your local wedi Technical Sales Support Manager with questions related to specific finishes not listed.

Limitations

- Do not use with moisture sensitive tile or stone and install sample installations when working with natural stone tile or slab to check for any discoloration potential.
- Do not use with highly absorbent tile, glass tile or any other tile not listed under "Suitable Tile Finishes" before contacting wedi.

Prepare the project site

When installing wedi PRO-SET™ and during the product's full curing time please ensure ambient and substrate temperatures are maintained at a minimum of 52°F or 11°C. Please be sure to avoid extreme temperature changes during installation and cure time and turn off floor warming systems 72 hours before the installation and do not turn them back on until 48 hours after the installation is completed.

Prepare the Substrate

Make sure substrate is sound, solid, even, true, plumb and level, clean and free of dirt, debris, particles, loose materials, grease, paint, oils, wax and other residues and potential bond breakers. Shot blast substrate if necessary. But do not use sanding, acid etching, solvents or adhesive removers and sweeping compounds that may become bond breakers.
After cleaning the substrate use a shop vacuum and damp sponge to remove dust if needed.
Do not install product over movement joints and consider placement of expansion joint details as per TCNA detail EJ171.

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If you need to level the substrate prior to wedi PRO-SET™ application

Contact wedi for suitable product brand recommendations to level the substrate. wedi PRO-SET™ has been successfully tested with the following products:

Interior:
ARDEX AM 100™ Rapid Set Pre-Tile Smoothing and Ramping Mortar
ARDEX A 38™ Rapid Set Screed
ARDEX Liquid BackerBoard® Self-Leveling Underlayment for Interior Wood and Concrete Subfloors
ARDEX TL 1000™ Self-Leveling Underlayment
ARDEX TL 1400™ Self-Leveling Underlayment
ARDEX TL 2000™ Fiber Reinforced, Self-Leveling Underlayment
ARDEX SKM™ Skim Finish - Skimcoat Patch & Finishing Underlayment
Observe the substrate preparation, mixing, application and drying instructions in the appropriate ARDEX technical data sheet.
Per ANSI A 108 AN-3.7, expansion joints must be provided over existing moving joints and where substrate materials change composition or direction.

If you need to waterproof or prime your substrate prior to wedi PRO-SET™ application.

Waterproofing
wedi® S-DRY™ Waterproofing Sheet Membrane System
wedi® S-DRY™ SEAL Waterproofing Compound
wedi® Building Panels
Follow the instructions in the respective technical data sheet.

Priming existing tiles and other non -porous, approved surfaces
Option 1: Apply a coat of ARDEX P 4™ Pre-Mixed, Rapid-Drying, Multipurpose Primer (or equivalent), which must dry 30 - 60 minutes before proceeding with the tile installation.
Option 2: Mix the mortar with ARDEX E 90™ Admix (or equivalent) in accordance with the technical data sheet, and install directly over the non-porous surface.
Option 3: Cover the entire surface with a scratch coat of the tile mortar. Allow the scratch coat to harden and dry completely before proceeding with the tile installation.

Priming Gypsum based drywall surfaces
Option 1: Apply a coat of ARDEX P 4™ Pre-Mixed, Rapid-Drying, Multipurpose Primer (or equivalent), which must dry 30 - 60 minutes before proceeding with the tile installation. Follow the instructions in the respective Ardex technical data sheet.
Option 2: ARDEX P 51 Double prime (or equivalent). Follow the instructions in the respective Ardex technical data sheet.

How to Mix and Apply wedi PRO-SET™

Recommended Tools:
Mixing Paddle; Mixing Container; 1/2" (12 mm) heavy-duty drill (min. 650 rpm); appropriate measuring bucket; Margin trowel; Appropriate notched trowel

Safety and OSHA Compliance
Handle each bag with care, emptying it in a manner that avoids creating a plume of dust. While mixing, use a standard "gutter hook" vacuum attachment in combination with a heavy-duty, bucket-style vacuum (Shop-Vac or similar) and HEPA dust extraction vacuum system.

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Application Data

All dry times are calculated at 70°F (21°C). Drying time is a function of jobsite temperature and humidity conditions. Low substrate temperatures and/or high ambient humidity will extend the drying time. Adequate ventilation and heat will aid drying.

Water ratio::	3 3/4 - 4 3/8 quarts (3.55L - 4.15L) of clean water per bag.; or 2 1/4 parts powder: 1 part clean water by volume.
Pot Life:	3 hours.
Open time:	Up to 30 minutes.
Adjustment time:	15-20 minutes.

Applying wedi PRO-SET™

Pour the water in the mixing container first, and then add powder while mixing with the mixing paddle and a 1/2" (12 mm) heavy-duty drill (min. 650 rpm). Mix thoroughly for approximately 2 to 3 minutes to obtain a lump-free mix. Do not overwater! Additional water will weaken the compound and lower its strength.
No slake time required.

Application:	Maximum Thickness of Application:	Maximum notch trowel Size:
Over membranes	3/8" (9.5 mm)	"3/4 x 3/4"" (19 mm x 19 mm)"
All other cases	1/2" (12.7 mm)	

Small batches may be mixed by hand. Use a margin trowel, and mix vigorously. Just prior to application on the substrate, the mixture should be stirred again to ensure a creamy, smooth, lump-free consistency.
Jobsite conditions and temperature may affect pot life. If the material begins to harden within published pot life, retemper with a drill and mixing paddle.
Installation should proceed in accordance with ANSI A 108.5. After mixing, apply mortar to the substrate with the flat side of a trowel to obtain a solid mechanical bond. Apply to an area no greater than that which can be covered with tile while the mortar remains plastic. Do not set tile or stone into skinned over mortar.
Comb the mortar with a notched trowel of sufficient depth to ensure that the tile or stone is covered uniformly over the entire surface (note thickness limitation over membranes as detailed above). Follow TCNA recommendations for proper transfer of mortar from the substrate to the tile or stone. The type and size of the tile or stone will dictate the size of the notched trowel to be used to achieve proper transfer.
When setting certain types of tile or stone, it may be necessary to trowel a layer of mortar on the back of each tile or stone prior to placement on the combed mortar bed in order to achieve the required mortar-to-tile contact. Press each tile firmly into the freshly combed mortar to ensure maximum mortar contact with the tile.

Curing and Setting

All dry times are calculated at 70°F (21°C). Drying time is a function of jobsite temperature and humidity conditions. Low substrate temperatures and/or high ambient humidity will extend the drying time. Adequate ventilation and heat will aid drying. Forced drying can dry the surface of the product prematurely and is not recommended.

Location:	Cure time prior to grouting:
Floor Tiles	24 hours
Wall Tiles	8 hours

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Notes

Intended for use by professional contractors who are trained in the application of this product and/or similar products.
Never mix with cement or additives outside of our written recommendations. In accordance with industry standards, and to determine the suitability of the products for the intended use, always install an adequate number of properly located test areas, including the tile flooring. As tiles vary, always contact and rely upon the tile manufacturer for specific directives, such as maximum allowable moisture content, mortar selection and intended end use of the product. If the installation is not proceeding as expected, Contact a wedi Technical Sales Support Manager before proceeding further.
Observe the basic rules of concrete work, including the minimum surface and air temperatures detailed above. Install quickly if the substrate is warm, and follow the warm weather installation guidelines available on our website. Observe the basic rules of tile work.
Dispose of packaging and residue in accordance with prevailing regulations. Do not flush material down drains. Do not reuse packaging.

How much wedi PRO-SET™ is needed and how to store it

All data based on a partial, in-lab mix. Mixing and Testing completed at 70°F / 21°C. Physical properties are typical values and not specifications.

Coverage:	1/8" x 1/8" (3 mm) sq. notch trowel = 100 - 103 sq. ft. (9.29 -9.57 m^2) per bag 1/4" x 3/8" (6 mm x 9 mm) sq. notch trowel = 37sq. ft. (3.5 m^2) per bag 1/2" x 1/2" (12 mm) sq. notch trowel = 25 - 28 sq. ft. (2.3 - 2.6 m^2) per bag Dependent on surface profile, density and porosity."
Color:	White.
Packaging:	25 lb (11.34 kg) bag
Installation:	To install a 36" x 60" wedi® S-DRY™ Shower System (including 3 walls and a curb) - plan for approximately 2 bags of wedi PRO-SET™ To install a 48" x 72" wedi® Shower System - plan for approximately 3 bags of wedi PRO-SET™
Storage:	Store in a cool, dry area. Do not leave units exposed to sun. Protect unused material by removing air from container and sealing tightly.
Shelf life:	12 months, if unopened and properly stored

Precautions

Carefully read and follow all precautions and warnings on the product label. For complete safety information, please refer to the Safety Data Sheet (SDS) available at: www.wedicorp.com.

Made in the U.S.A.

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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, wedi® S-DRY™ Shower System, wedi® Builder Choice Shower System, wedi® Building Panel, wedi Builder Choice Tile Backer, wedi® Vapor 85 and wedi® Subliner Dry.
Listee	wedi Corporation ▪ 1160 Pierson Drive, Batavia, IL 60510. www.wedicorp.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 International Building Code® (IBC) 2024, 2021, 2018, 2015, 2012 and 2009 National Standard Plumbing Code® (NSPC) 2024, 2021, 2018, 2015, 2012 and 2009 Uniform Plumbing Code® (UPC)* 2025, 2022, 2019, 2016 and 2013 California Plumbing Code (CPC)* 2023, 2020 and 2017 City of Los Angeles Plumbing Code 2025, 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 standards	ANSI A118.10-2023, Load Bearing, Bonded, Waterproof Membranes for Thinset Ceramic Tile and Dimension Stone Installations ANSI/TCNA A118.18-2023, Test Methods and Specifications for Foam Core Backer Boards ASME A112.18.2/CSA B125.2-2020, Plumbing Waste Fittings ASTM E 96-2024a, Standard Test Methods for Gravimetric Determination of Water Vapor Transmission of Materials ASTM E 331-00(R23) 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®, wedi® S-DRY™ Shower System and wedi® Builder Choice Shower System shall be installed in accordance with the manufacturer's published instructions and the applicable code(s). The wedi Fundo®, wedi® S-DRY™ Shower System and wedi® Builder Choice 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.
Models	The wedi Fundo®, wedi® S-DRY™, and wedi® Builder Choice Shower Systems consist of the following: a) The wedi Fundo®, wedi® S-DRY™ and wedi® Builder Choice 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. b) The wedi® Building Panels and wedi® Builder Choice Tile Backers 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® or wedi® Builder Choice 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 may be used with or without wedi Fundo®, wedi® S-DRY™, and wedi® Builder Choice 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 or wedi® S-DRY™. The wedi® Vapor 85 was tested to ASTM E96 Procedure E as a complete assembly with the wedi® 620 Sealnt or wedi® S-DRY™ SEAL and wedi® Subliner Dry sealing tape or wedi® S-DRY™ 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 Fundo®, wedi® S-DRY™ and wedi® Builder Choice Shower System accessories which may include the following waterproof components: wedi® pre-sloped curbs, wedi® niches and niche shelves, 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® S-DRY™ drain, wedi® S-DRY™ BFD Bonding Flange Drain, wedi® S-DRY™ sheet waterproofing membrane system and tapes, wedi® Subliner Dry sheet waterproofing membrane system and tapes, wedi® Subliner Dry Tub Sealing Tape or wedi® Curbless Shower Recess Kit. 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 and with a point drain). The wedi® S-DRY™ family line includes the following: wedi® S-DRY™ shower bases, wedi® S-DRY™ Waterproofing Sheet Membrane, wedi® S-DRY™ BFD Bonding Flange, wedi® S-DRY™ Seal (2-component seam waterproofing), wedi® S-DRY™ Curb, wedi® S-DRY™ Extension and wedi® S-DRY™ Tape and Prefabricated Corners. The wedi Fundo®, wedi® S-DRY™, and wedi® Builder Choice 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 and ASTM E331. The wedi® drains have been found to comply with ASME A112.18.2/CSA B125.2 and do not require weep holes.
Conditions of Listing	1. The wedi Fundo® , wedi S-DRY™ and wedi® Builder Choice Shower Systems, wedi® Building Panels, wedi® Builder Choice Tile Backer Boards, Sentinel PRO by wedi Foam Core Backer Boards and these products System Accessories, wedi® Vapor 85 and wedi® Subliner Dry and these products Accessories shall be installed in accordance with the manufacturer's published instructions and the applicable code(s). 2. The wedi Fundo® , wedi S-DRY™ and wedi® Builder Choice Shower Systems, wedi Vapor 85® and Sentinel PRO by wedi Foam Core Backer Boards are under a quality control program with annual surveillance inspections by ICC-ES.

2026. Find Current Report on www.icc-es.org or www.wedicorp.com

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wedi® Technical Drawings

To view technical drawings for wedi® Products, click here.

Pre-During-Post Installation Care and Preparation

To view pre-during-post installation care and preparation, view the installation manual 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 PRO-SET™

Packaging and sales

To view product information, click here for the wedi Technical Handbook.

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 standard 10-Year Limited Warranty and our extended 15-Year and Lifetime Limited Warranties available through registration of the project through a wedi PRO certified installer, click here.

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 wedi at:
  email: **architecture@wedicorp.com**
  phone: **847-357-9815**.

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