

wedi® S-DRY™ Shower System

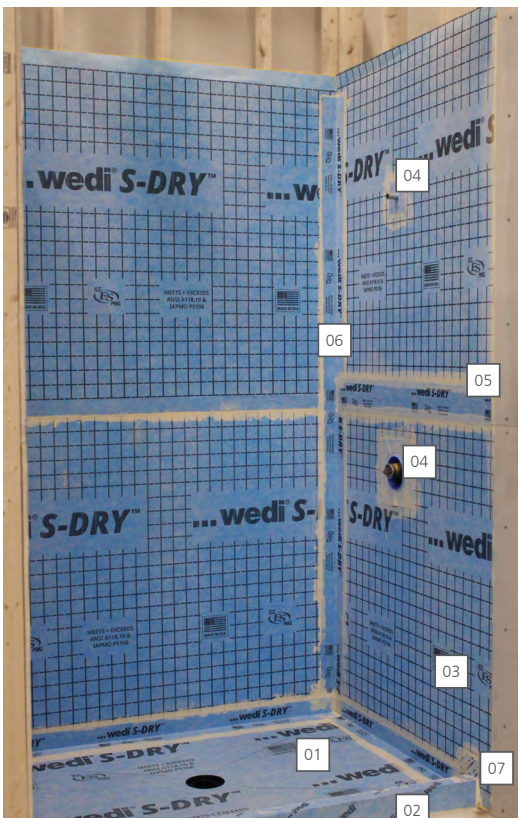
Technical Data Sheet



- Factory sealed and integrated drain - providing a solid support for tile in the drain flange area - can be installed to waste pipe cut flush with the subfloor surface and with the pressure fit connection made by the installer from the surface.
- All seams and transitions are properly and fully waterproofed, not just thinset applied.
- The surface is ideal for use of small mosaic and large format tiles and provides a very solid support due to the wedi factory application of the surface waterproofing membrane in a bed of wedi® S-DRY™ SEAL, which adds high compression strength.
- The wedi® S-DRY™ drain offers a low profile as it enters into a plywood subfloor construction where it connects centered inside a cut out with a 2 inch ABS, PVC or Cast Iron waste pipe, which can be installed very close to a floor joist and without the wedi drain interfering with the joist.

Product advantages and use

wedi® S-DRY™ is a complete system for building floor-level and curbed custom or standard size showers with tile finish. The pre-sloped shower bases are available in various dimensions for center and off-center positioning of the drain, which is fully integrated and waterproofed by wedi. wedi® S-DRY™ Drain Covers can be selected and purchased separately including tileable options. The wedi® S-DRY™ Shower Bases may be installed with a wedi® S-DRY™ Curb, which are available in different designs. The wedi® S-DRY™ shower system is completed with wedi® S-DRY™ sheet waterproofing membranes and tapes used on walls when they are pre-existing (example: drywall or cement board), with wedi® Building Panels or wedi® Shower Niches when no walls are attached to the framing yet. Transitions and connections between system components are adhered and sealed using wedi® S-DRY™ SEAL, a 2 component waterproof sealing membrane. The shower bases feature the building code required and necessary minimum surface slope of 2%, which points towards the drain.



wedi® S-DRY™ Shower Kit

- 01 wedi® S-DRY™ Shower Base with fully integrated drain
- 02 wedi® S-DRY™ Curb
- 03 wedi® S-DRY™ Membrane for walls
- 04 wedi® S-DRY™ Mixing Valve Seal
wedi® S-DRY™ Shower Pipe Seal
- 05 wedi® S-DRY™ SEAL to seal and connect tapes and seams
- 06 wedi® S-DRY™ Tape
- 07 wedi® S-DRY™ Inside and Outside Corners

Available kit sizes:

- 38 x 64 inches - center drain
- 38 x 64 inches - off center drain

Suitable Substrates

- Exposure 1 Rated plywood, OSB or similar.*1, *2
- Common building substrates (concrete that has cured for at least 28 days, CBU in accordance with manufacturer guidelines, etc.)*1
- On walls: Cement or Fiber Cement backer boards, drywall or Magnesium Oxide panels.*1, *3

*1 Some backer boards/wall panels or floor substrates might require priming.

*2 Subfloor must be even, sound, flat, stable, loadbearing and meet local building codes; deflection of subfloor not to exceed L/360 of span between floor joists.

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

Suitable Environments

- Interior wet area applications such as tiled bathrooms, showers or steam showers.
- Installation over dry or damp (but not wet) substrates.
- Installation in interior applications built for dry or wet use (but not submerged).

Prepare the project site

When installing wedi® S-DRY™ Shower Systems 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.

Prepare the Substrate

Make sure substrate is sound, solid, even, true, plumb and level. Be sure all installation areas are clean and free of dirt, debris, particles, loose materials, grease, paint, oils, wax, other residues and potential bond breakers.

After preparing the substrate for installation, use a vacuum and damp sponge to remove dust.

Do not install product over movement joints and consider placement of expansion joint details as per TCNA detail EJ171.

In S-DRY™ shower system and membrane installations, make sure to remove any thinset residue on the membrane surface using a damp sponge.

How to install a wedi® S-DRY™ Shower System

Recommended Tools:

- 1/2 in. x 1/2 in. Square notch thinset adhesive trowel
- 1/8 in. x 1/8 in. or 1/4 in. x 3/16 in. V notch thinset adhesive trowel
- Scissors
- Flat wood or plastic float
- 6 in. flat trowel
- Margin trowel
- Flat head screwdriver
- Jig saw or 5 in. hole saw
- Level
- Handsaw or inside pipe cutter
- Straight edge
- Measuring tape and black marker
- Paper towels
- Thinset mortar mixer
- Bucket

Thinset Tile Adhesive Mortar Requirements

wedi® PRO-SET™ mortar or similar tile adhesive mortar meeting ANSI A118.4 or better.

Seam Sealing Requirements

wedi® S-DRY™ SEAL to apply to all seams as needed.

Tile Installation and Flood Testing

Tile can be installed over the wedi® S-DRY™ shower installation (sealed at seams with wedi® S-DRY™ SEAL) 6-8 hours after membrane installation. Contact wedi before installing resin-backed or highly absorbent tile or moisture sensitive stone.

If flood testing is required in a wedi® S-DRY™ Shower System, please allow 6 hours to pass after completing the wedi® S-DRY™ installation before beginning the flood test. Once the flood test is completed, drain all water and tiling may commence.

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.

Application Data for wedi® S-DRY™ SEAL

Coverage:	Approx. 45 ft. of sealing tape / seams in wedi® S-DRY™ assembly (or approx. a 36 x 60 in. shower with 3 walls + curb) with 32 liquid oz. wedi® S-DRY™ SEAL (mix 2 batches of each 16 oz. Liquid plus 16 oz. Powder, a mixing ratio of 1:1 by volume)
Pot Life:	30-45 minutes, may need to refresh by mixing.
Drying time:	Approx. 30 minutes for tack free drying and 6 hours until exposure to water (e.g. through a flood test).
Flood test:	Begin 6 hours after the installation of S-DRY™ SEAL with S-DRY™ Tape in any S-DRY™ Shower installation.

Application Data for wedi® PRO-SET™

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.

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 Base - 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

Application Data

Property	Test Method	ANSI Specification	Test Result
Mold Growth	A118.10 Section 4.1	No Growth	Membrane did not support mold growth
Seam Strength	ANSI A118.10 Section 4.2	> 8 lbs / inch width	15 lbf
Breaking Strength	ASTM D751 Procedure B	> 170 psi (12 kg/cm ²)	Traverse: 993 psi, Longitudinal: 1680 psi
Dimensional Stability - 48h @ -158±2°F	ASTM D1204	+/- 0.7%	Traverse: -0.05, Longitudinal: -0.09
Waterproofness - 55 cm head of water for 48h	ASTM D4068	No moisture penetration	Pass
7 Day Shear Strength	A118.10 Section 5.3	> 50 psi (5 kg/cm ²)	72 psi
7 Day Water Immersion Shear Strength	A118.10 Section 5.4	> 50 psi (5 kg/cm ²)	65 psi
4 Week Shear Strength	A118.10 Section 5.5	> 50 psi (5 kg/cm ²)	77 psi
12 Week Shear Strength	A118.10 Section 5.6	> 50 psi (5 kg/cm ²)	99 psi
100 Day Water Immersion Shear Strength	A118.10 Section 5.7	> 50 psi (5 kg/cm ²)	74 psi
Test Method for Water Vapor Transmission	ASTM E96 Method A	≤ 0.5 perms	0.14 Perms
Test Method for Water Vapor Transmission	ASTM E96 Method E	≤ 0.5 perms	0.23 Perms

Notes

All tools should be cleaned with water immediately after use.

As always, wedi recommends the installation of test areas to confirm the suitability of the product for the intended use.

Store at temperatures between 40 and 90°F (5 - 32°C). Do not freeze. Do not reuse container. Dispose of packaging and residue in accordance with federal, state and local waste disposal regulations. Do not flush material down drains.

Refer to the following additional Technical Data Sheets and Safety Data Sheets before using S-DRY™ Shower System:

- wedi® S-DRY™ SEAL TDS and SDS;
- wedi® PRO-SET™ TDS and SDS.

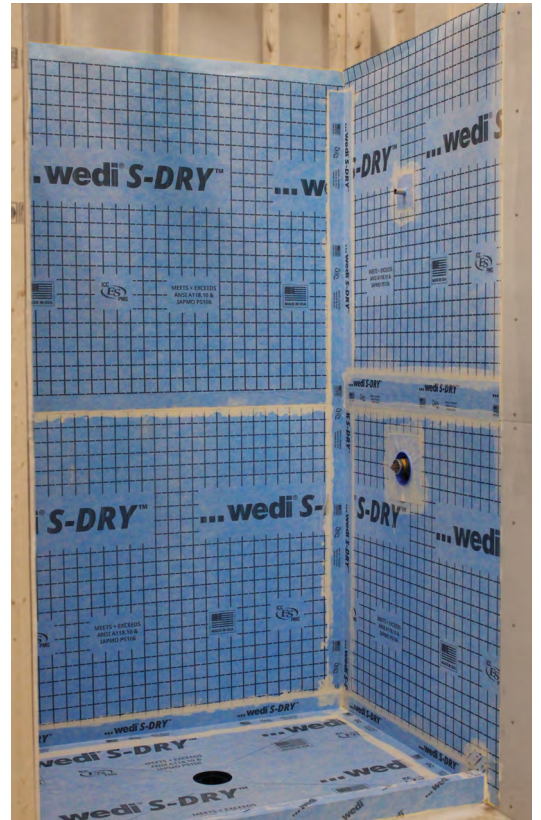
ICC-PMG 1189 Report ■ National Building Code Compliances

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	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)* 2022, 2019, 2016 and 2013 California Plumbing Code (CPC)* 2023, 2020 and 2017 City of Los Angeles Plumbing Code 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 96-2024, Standard Test Methods for Gravimetric Determination of Water Vapor Transmission of Materials 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 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 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. 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. 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). 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. 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.

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

...wedi® S-DRY™ Installation Manual

This installation manual will give you step-by-step instructions on how to install wedi® S-DRY™ Showers.



Did you know?

You can also use wedi® S-DRY™ with wedi® Building Panel when going directly over wall framing, or add wedi® Shower Niches, wedi® shower benches and more and use wedi® S-DRY™ SEAL and S-DRY™ tape to cover seams and S-DRY™ SEAL to cover over fastener points.

Project Site Preparation



Subfloor is stable and load bearing, flat and level, and meets deflection criteria of minimum L/360 as per IRC. Wooden or concrete structural substrates are dry and sufficiently load bearing considering live and dead load.

You can install the wedi® S-DRY™ Shower base to concrete or wooden subfloors. You can install the wedi® S-DRY™ membrane to drywall, cement board or other suitable substrates prepared to bond with thinset mortar.

Wood and steel framing and drywall/backerboard panels are sufficiently load-bearing, even, level, and square.

Floor drain assembly below floor is stabilized, fixed and supported in position, and will not sink under water load. Waste pipe is level and plumb.

If installing a curbless shower please consider using the wedi® Curbless Recess Kit which will help you recess a standard 23/32" Plywood subfloor in between and flush with 16 o.c. spaced solid or engineered floor joists. Once installed in thinset mortar, the wedi® S-DRY™ shower base (if you choose a model with 1 1/8" perimeter thickness) will reach out of the recess by approx. 1/2" to 9/16". You would want to ensure that the adjacent bathroom floor is covered with a tile underlayment and surfaces allowing for a waterproofed and flush transition into the shower base area.

Follow all applicable building codes and industry guidelines.



Cut wedi® S-DRY™ membrane to size prior to mixing of thinset adhesive using scissors or a utility knife.

Note:

Before cutting wedi® S-DRY™ membrane, consider whether seams are constructed by overlapping the edges of the S-DRY™ membrane 2" (50 mm) at the designated overlap areas or by abutting the edges and covering the joint with wedi® S-DRY™ Tape using wedi® S-DRY™ SEAL, which are both wedi® approved techniques.



If installing directly over framing, you can use a wedi® Building Panel and install these first. No Joint Sealant is needed to connect or seal the wall panels at seams or over fastener points. They are installed butted tightly with wedi® fasteners placed at a rate of one every 12 inches and in between panels. The S-DRY™ shower base is later installed tight against the panels and S-DRY™ tape and prefabricated S-DRY™ corners are installed over all seams and fully embedded in S-DRY™ SEAL. Fastener points are later covered with S-DRY™ SEAL, covering 1 inch past the metal.



Naturally tapered drywall seams should be prepared using wedi® PRO-SET™ or appropriate patching material to ensure finished membrane is installed over flat substrate.

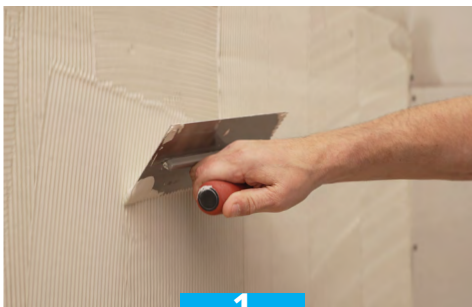


If drywall seams are covered with drywall compound, a PVA primer must be used before installing wedi® S-DRY™ Membrane. If no compound is present, use a moist sponge to wet drywall or CBU.

Note:

wedi® PRO-SET™ or suitable modified thinset mortar meeting ANSI A118.4 or better is used to adhere wedi® S-DRY™ Membrane and wedi® S-DRY™ Base.

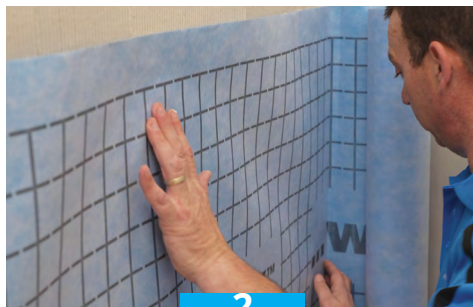
Installing ...wedi® S-DRY™ on shower walls



1

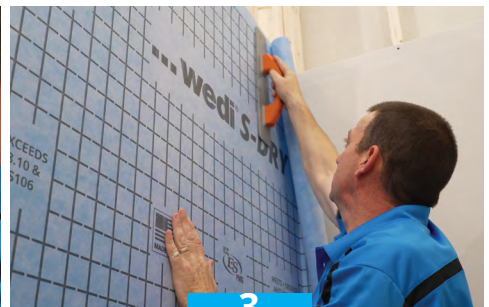
Apply wedi® PRO-SET™ mortar first by using the flat side of the trowel to key in the mortar to the substrate. Then use the notched side of the trowel to apply mortar to the substrate using a 1/4" x 3/16" (6 x 5 mm) V-notched or 1/8" x 1/8" (3 x 3 mm) square notched trowel.

(Note the open time of the mortar).



2

Press wedi® S-DRY™ membrane, print side out, fully into the bond coat.



3

Work the wedi® S-DRY™ membrane into the mortar by applying pressure to the membrane with the flat side of a wood, rubber or plastic float in smooth, diagonal sweeps.

Air bubbles must be avoided. Apply pressure to smooth out thinset ridges, leaving a consistent layer of thinset for coverage and support purposes.

Installing the ...wedi® S-DRY™ Shower Base



4

Cut a 5" hole in the substrate for the drain outlet and waste pipe using the template provided to mark the hole. If pipe is in place, use center hole of template to slide over 2" pipe. Using the inside diameter of the larger hole, mark your 5" hole on the subfloor. Proceed to cut the hole using a jigsaw or multitool.

The 2" waste pipe should be installed centered on the 5" hole in the subfloor. Waste pipe must be securely fastened to adjacent framing to avoid any movement. Waste pipe must be cut flush with the top of the subfloor. Best practice is to use a multitool or inside pipe cutter to accomplish the cut on the waste pipe.



6A

To determine the distance between the center of the 2" pipe to all walls and where you plan to have the inside of your S-DRY™ Curb, use the template provided. The center lines of the 2" pipe can be found by aligning the template over the waste pipe using the center hole, being sure that the template is square to all walls. Use the lines (marked 5) on the template to align a straight edge to mark your center lines of the 2" pipe. Mark a line on the subfloor. Repeat this step to find the perpendicular center line. Using these lines, measure to the walls and curb.

Transfer measurements to shower base and draw connecting lines, which are the lines to cut through.



7

Once the base is trimmed to size, dry fit to ensure proper alignment.

Be sure to remove locking ring, compression spacer and sealing gasket from drain prior to installing base.

Clean the subfloor using a moist sponge.

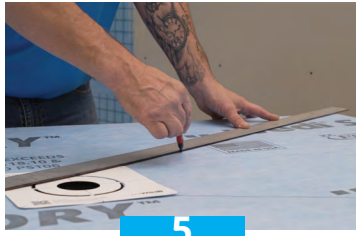


8

Be sure to fill cavities on the back of the drain hub with thinset, being careful to keep the inside of the drain hub free of any thinset.



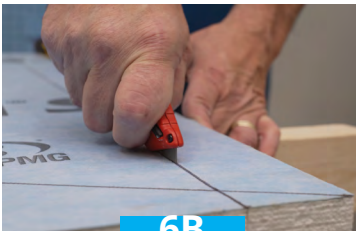
Using the flat side of a trowel, apply a bond coat of wedi® PRO-SET™ or suitable modified thinset to the underside of the base.



5

If installing tile requiring relief cuts at the slope lines of the base, use provided template to mark pitch lines prior to cutting. Align outer diameter of larger circle with the edge of S-DRY™ Membrane at the drain. Be sure template is square to all sides of the base. Using the lines on the four corners of the template, draw a line using a marker connecting these lines with the corner of the base.

Note:
If using smaller format tiles not requiring relief cuts, disregard step 5 and move on to step 6A/B.

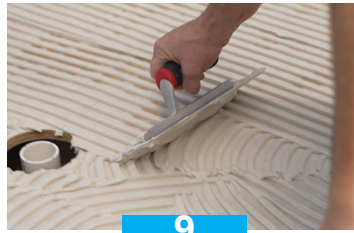


6B

Cut the base to size as needed using a utility knife and straight edge.

Cut equally on all sides to maintain a level perimeter. Alternatively, if the base is trimmed unevenly on each side, the bottom course of tile may need to be scribed in order to maintain a level tile installation.

Use the center of the 2" waste pipe as a starting point to measure to the walls and curb.



9

Dampen the substrate using a wet sponge ensuring any dust and debris has been removed from subfloor surface.

Using the flat side of a 1/2" by 1/2" square notched trowel, first key in wedi® PRO-SET™ or suitable modified thinset to the substrate.

Next, use the notched side of the trowel and comb through the thinset being sure all ridges face in the same direction and parallel to the shortest side of the base. Be sure to achieve a 95% coverage of thinset mortar under the wedi® shower base once it is put in place.



10

Once thinset has been applied to the base and subfloor, set base into wet thinset being sure it is properly aligned to be tight against the walls.



11

Step in and around the entire base to compress the thinset ridges achieving proper coverage.

Clean any residual thinset from the surface of the base using a wet sponge. It is best practice to cut a piece of cardboard to cover the base for protection throughout the remainder of the installation.

Connecting the ...wedi® S-DRY™ Drain



12

Using the supplied lubricant, apply lubricant to the rubber sealing gasket.



13

Next, install the compression spacer around the waste pipe with the flat side up.

Insert the rubber sealing gasket around waste pipe and to the bottom of drain with the groove facing up.



14

Next install the locking nut with flat side facing down.

The wrench/hair catcher is inserted into center of the locking nut. Using a flat blade screwdriver, turn the wrench counter-clockwise until hand tight. This completes the watertight connection to the waste pipe. The hair catcher remains in the unit.

Installing the ...wedi® S-DRY™ Curb



15

Measure, cut and dry fit the curb. Cut the curb to length using a fine toothed handsaw, being sure the curb is situated tightly to abutting walls.



16

Apply wedi® PRO-SET™ to the underside of the curb with the flat side of the trowel.



17

Apply wedi® PRO-SET™ on the subfloor, being sure to key in the mortar as before. Then, use a 1/2" x 1/2" square notched trowel or appropriate notch trowel to achieve the required 95% thinset coverage, being sure the notches are parallel with the short width of the curb.



18

Apply thinset to the vertical edge of the shower base where the curb will be installed, being sure not to get thinset on the top of the base.

Note:

If thinset gets on the shower base membrane, be sure to wipe off immediately with a damp sponge.



19

Apply wedi® PRO-SET™ to the end of the curb using a 1/2"x1/2" square notched trowel, being sure to key in mortar to the foam as before.



20

Install curb into thinset, being sure to achieve full coverage by shifting curb back and forth. The curb must be level alongside its length and a 2% pitch should be achieved on the curb top pointing towards the drain by shimming the outside edge of the curb using hard spacers/wedges. Once thinset has cured, remove spacers/wedges and back fill areas with thinset for full support.

If two or more sides of the shower have curbs, miter the curb corner and apply thinset between pieces using a 1/2" x 1/2" square notched trowel or appropriate notch trowel to achieve the required 95% thinset coverage.

Apply weight on and against curb to ensure tight positioning against the base while the thinset cures.

Sealing the Wall Seams and Base

How to Mix and Apply ...wedi S-DRY™ SEAL

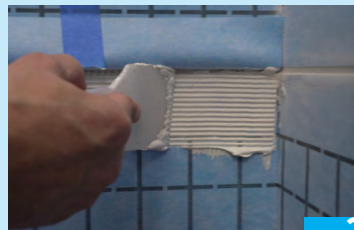
Recommended Tools

For best results, mix with a ring mixing paddle and a high speed drill.

Mixing the two components (Liquid and Powder)

Pour half (16 oz) Liquid into the mixing bucket followed by one bag of Powder. Do not add any water or other additives. Mix thoroughly for 2-3 minutes and re-stir just prior to application to ensure creamy and lump free consistency.

To mix a full batch of wedi® S-DRY™ SEAL to the desired spreadable consistency, mix one part of liquid with one part of powder by volume. A full batch consists of 16 fluid oz. of powder and 16 fluid oz. of liquid, which ensures the material can be used up during its pot life.



21

If covering abutting seams using wedi® S-DRY™ tape, pre-cut before mixing wedi® S-DRY™ SEAL. Once mixed, apply wedi® S-DRY™ SEAL using a 3/16" X 5/32" wedi® S-DRY™ SEAL V notch trowel or equivalent to install either a 2" overlap or S-DRY™ Tape.



22

Press the tape into the S-DRY™ SEAL using a combination of flat or corner putty knives as needed, creating full contact and coverage beneath while smoothing out to remove any trapped air.

Spread excess S-DRY™ SEAL flat at edge of joint. If you can't clearly see S-DRY™ SEAL past the perimeter of the S-DRY™ Tape once embedded, spread S-DRY™ SEAL a minimum of 1" past the edge of S-DRY™ Tape to ensure a watertight seal.



23A



23B

Next, treat all seams at shower walls, base and curb by mixing and applying S-DRY SEAL. Then, apply the S-DRY SEAL to bond and waterproof S-DRY™ tapes and/or overlaps where applicable.

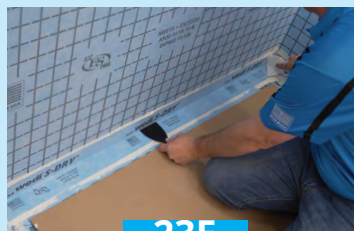


23C



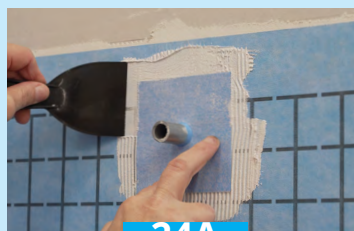
23D

For inside and outside corners, adhere pre-formed wedi® S-DRY™ corners. For shower base/wall connections, use S-DRY™ Tape folded in half to achieve minimum of 2" overlap on the shower base as well as the wall.



23E

Tape, Corners, Pipe, Valve Seals and Custom Seals are all installed using wedi® S-DRY™ SEAL, applied using a 3/16" x 5/32" wedi® S-DRY™ SEAL Trowel or equivalent. Press the membranes into the wedi® S-DRY™ SEAL using a flat plastic putty knife creating full contact and coverage beneath while smoothing out to remove any trapped air. Spread excess wedi® S-DRY™ SEAL flat and evenly at the edge of the joint to assure a complete seal is made.



24A



24B

Install wedi® S-DRY™ Shower Pipe Collar at shower head, body sprays, etc. and wedi® S-DRY™ Mixing Valve Collar at the mixing valve.

When premade seals do not fit, a custom piece of S-DRY™ membrane should be cut to fit tight to penetration and extend a minimum of 2" overlap onto wall membrane.

Installing the ...wedi® S-DRY™ Drain Cover



25

Once tiling commences, insert the Alignment Ring, with threaded insert facing up, into the drain area with the notch on the ring aligned with the arrow on the drain hub.



26

Next, insert the snap ring by aligning the arrow on the top with the arrow on the drain hub and inserting the tab into the slot on the drain hub. With slight pressure applied to the Snap Ring, the remainder of the 3 tabs will snap into place, locking the alignment ring in place while allowing it to move laterally.



27A

Next, thread the Height Adjustment Collar into the Alignment Ring. Be sure to engage a minimum of one complete turn. The drain cover is then set on top of the Height Adjustment Collar.



27B



28A

To determine the finish height of the drain cover you may need to cut the height adjustment collar. Use a piece of cardboard or similar under your shower floor tile to mimic the thickness of your compressed thinset bed.



28B

Place this next to the cover and measure from the top of your tile to the top of the drain cover.

Note:

Installing a shower niche is simple, insert a wedi shower niche and cover seams to the surrounding wall using S-DRY™ tape in a full bed of S-DRY SEAL™, wedi shower benches can be added into a wedi® S-DRY™ installation by following these products standard installation steps but with seams covered with S-DRY™ tape embedded in S-DRY™ SEAL.



29

Remove the cover and the Height Adjustment Collar. Measuring from the bottom (threaded end) of the Height Adjustment Collar, cut off the amount equal to the measurement from step 28 using a fine tooth hand saw or multitool.



30

Sand any remaining tabs flat on the Height Adjustment Collar. Re-thread into the Alignment Ring to achieve the desired height to flush out with finished tile height.

Be sure this is done prior to finished installation of tile as you will not be able to turn the drain cover once tile is installed in the area around the drain cover.

Note:

In cases where a tileable cover plate is needed, please select from available options in wedi's Fundo® product family (1/4" and 3/8" thick options available). Where these are installed, use of the Alignment Ring, Snap Ring, and Height Adjustment Collar is not required. Tileable cover is placed centered over waste pipe with the corner notches resting on the outer ring of the drain body. Once tileable cover is in place, be sure to fully fill areas around the cover with thinset prior to tile installation. This will ensure your tile is properly supported.

Also, other Premium Drain Covers from the Fundo® Shower System Drain Cover range can be used with S-DRY™ but you will need to use them with the S-DRY™ Fundo® Drain Cover Support Kit. Purchased separately.

After Installation



Make sure that shower doors and glass panels are installed tightly to contain water inside the shower. Ensure that doors are installed only to load-bearing, reinforced framing. Consider the wedi® Shower Curb AT (Anchor Track), when planning to mount glass door or panel fixtures through the curb surface using hardware or fasteners. We recommend fastening doors only at walls, thoroughly waterproofing all penetrations of the waterproofing layer (such as S-DRY™ membrane), and keeping water away from these areas by applying silicone at the door frame and connecting it to the S-DRY™ membrane.

If performing a full shower base surface flood test, test the drain first to ensure that the drain connection to the plumbing waste pipe is functioning properly and is waterproof. The full surface flood test should not exceed 24 hours. Flood testing is not required for non-absorbing products like wedi®, but it may be required by a building inspector.

When tiling commences, do not use any premixed ("mastic") tile adhesives over wedi® systems in wet-area installations. When tiling the wedi® S-DRY™ Shower Bases, including extensions, tile thickness should generally be no less than 1/8 inch thick. Be aware that wedi® S-DRY™ drain covers are 3/16 inch thick, so very thin tile must be appropriately supported by a compressed thinset

bed to reach an installation height slightly higher than the cover. Plan for a 1/4 inch overall tile installation height.

Choose tile-setting materials appropriate for the type of stone, ceramic, or glass tile, as well as for wet-area installations. Use wedi® PRO-SET where possible to enjoy the installation process, achieve superior strength, and provide your customer with added peace of mind knowing that this part of the project is also protected under the wedi® warranty.

Ceramic and stone tile must be installed in accordance with ANSI A108-A118-A136.1, details and requirements established by the Tile Council of North America, and specific manufacturer recommendations. The following recommendations are made specifically for tile installation over wedi products and supersede when in conflict WITH other requirements and limitations.

Tiles should have a minimum thickness of 1/8 inch (3 mm) and adequate for the application on a sloped surface in a wet environment.

The appropriate trowel size should be selected based on recommendation by manufacturers of mortar and tile and a thinset mortar coverage under the tile of 95% or greater must be achieved. It is recommended to remove factory applied mesh if this can interfere with adhesion transfer of mortar to the back of the tile or substrate. Some tiles should be back buttered. Tiles with a square size larger than 1 x 1 inches (25.4 mm x 25.4 mm) and with no side 1 inch (25.4 mm) or shorter, may be installed using a modified cement based thinset mortar in accordance with ANSI A118.4 or ANSI A118.15 and a modified cement based grout in accordance with ANSI A 118.7.

Tiles with a square size 1 x 1 inches (25.4 mm x 25.4 mm) or shorter may be installed using a combination mortar and grout made from 100% solids epoxy in accordance with ANSI A118.3.

wedi® showers that are subject to increased point loads (example: wheelchair, shower chairs) should be tiled with tiles of a square size 2 x 2 inches (50.8 mm x 50.8 mm) or larger and with no side shorter than 2 inches (50.8 mm), and should be installed using a combination mortar and grout made from 100% solids epoxy in accordance with ANSI A118.3.

wedi® Technical Drawings

To view technical drawings for wedi® S-DRY™ Shower Bases, [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

Packaging and sales

To view available shower kit sizes, shower base sizes, and add-on options, [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**.