

Technical Handbook

Waterproofing System Solutions for tiled wet rooms





Right by your side wherever you are.

wedi – always close by

From Emsdetten in Germany and Europe to North America wedi has close ties to the world of building and renovation. Thanks to our extensive presence, we are always in the position to react quickly and without complications to the requirements of our customers. A large number of notable companies in Germany and abroad benefit from the innovative development of our product systems, partly because we know the needs of our contractors like the back of our hands. Wherever you are in the building industry, we are right by your side with expertise, performance and passion. Leading you to success.

- | | | | | |
|----------------------|------------------|-------------|---------------|---------------|
| ▪ USA | ▪ Czech Republic | ▪ Greece | ▪ Luxembourg | ▪ Serbia |
| ▪ Canada | ▪ Denmark | ▪ Hungary | ▪ Netherlands | ▪ Slovenia |
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Stephan Wedi

Managing Director, wedi GmbH

The value of strong partnerships is shown in the added value of our product and support.

For contractors

- System technology saves time and money
- All solutions are 100 % waterproof and mold proof – with manufacturer's guarantee
- Perfected complete solutions with over 30 years of practical experience
- Premium Warranty Protection Programs: 10, 15, 20 years of extensive incident coverage
- The modular system and the possibilities of easy and clean customizing creates new areas of activity – and therefore additional business
- Underlayment solutions to perfectly prepare any suitable substrate for tile, stone and many other finishes
- Competitive advantages through new ideas for bathroom and spa projects
- Hands-on and online certification programs
- Expert consultation in the field and on the job – wedi sales representatives and management are entirely technical in background and education

"My guys are using only wedi"

Bryan Baeumler,

host of "Leave it to Bryan" and
"House of Bryan" known from
HGTV and DIY Network Channels.



For builders & architects

- Inspiration and ideas for individual design possibilities within a system
- Secure and coordinated problem-solvers, also able to be implemented on difficult substructures
- Fast-track renovations and new residential or commercial construction
- Clean and modular, easy to plan
- Long-term protection from moisture and mold, especially in wet rooms
- Significant reduction in energy costs thanks to integrated heat insulation
- Masterspecs available on wedicorp.com
- CEU classes offered in-house and as webinars



For distributors & wholesalers

- Attractive, additional business thanks to the diversity of the product range
- Innovative complete systems with certified technical approval
- Clear and fully protective warranty by wedi
- Expert consultation and technical support; in-house and in the field
- Sensible POS tools with targeted representation of product benefits
- Sales and marketing documents, both in digital and printed form
- wedi actively works with contractors supporting distributor sales
- wedi cannot be cheap. It is less expensive when its added value makes the bottom line cost for our contractors and builders





wedi – Only real with a blue core

01 wedi Building Panels' reinforced cement resin surface offers a superior bond surface to virtually any tile and stone or tile adhesive. No delamination, no surprises.

02 The blue XPS core is 100% waterproof and remains fully functional even after possible partial damage. Our XPS brand foam is specially engineered for 100% consistency of its closed cell structure.

03 All building panel systems have great heat insulation properties, save energy costs and provide long-term protection against mold due to its inert nature and ability to safely waterproof.

04 wedi Building Panels can be safely adhered and sealed in assemblies using wedi Joint Sealant: strong reinforcement, bond and waterproofing with virtually no build up as with conventional taping. As no other seal is necessary, craftsmen benefit from increased protection accompanied by a shorter surface preparation time before tiling starts.



What does wedi INSIDE offer?

The principle of wedi inside is simple: high-quality tile installations require a substrate that is 100% secure. That's why craftsmen have put their faith in wedi quality for decades, especially as a substrate underneath tiles. 100% waterproof and 100% secure – signed, sealed and guaranteed by wedi.

wedi PRO Certification and 15/20 Year Warranty Program



10-Year Limited Warranty

wedi Corp. ("wedi") warrants that for a period of 10 years from the date of purchase, all products it sells bearing the wedi name ("Products") shall be free of manufacturing defects and conform to wedi's published specifications, subject to the terms, conditions, and limitations below.

15-Year Limited Warranty and 20-Year Limited Warranty

In certain circumstances defined herein, in lieu of the foregoing 10-Year Limited Warranty, wedi offers a 15-Year Limited Warranty and 20-Year Limited Warranty, pursuant to which wedi warrants the Products shall be free of manufacturing defects and conform to wedi's published specifications for a total of either 15 years or 20 years when installed as part of a "15-Year Warranty Installation" or "20-Year Warranty Installation," by a "PRO Certified Installer," in a "Registered Installation" (as those terms are defined below).

1. 15-Year Warranty Installation means an installation exclusively consisting of the following products:
 - (a) wedi Fundo Shower Base and drain;
 - (b) wedi Building Panels (with wedi vapor barrier, in steam room and ice room installations);
 - (c) wedi Joint Sealant and Fastener System; and (d) a wedi curb, ramp, or floor entry and floor transition water-proofed by wedi Building Panels or wedi Subliner Dry waterproofing membrane system. wedi Building Panels must be installed to cover all shower walls exposed to water, or any wall surfaces considered wet areas Res2, Res3, Res4, Com2, Com3, or Com4 (as defined by the TCNA Handbook on Ceramic, Glass, and Stone Tile Installation), and must be installed at least 6 inches higher than every water inlet or shower head.
2. 20-Year Warranty Installation means an installation meeting the definition of a 15-Year Warranty Installation that also includes:
 - (a) a wedi seat, wedi bench, or wedi niche; and
 - (b) waterproofing of the entire bathroom floor in which the wedi shower system is installed, using wedi Building Panels or wedi Subliner Dry waterproofing membrane system. The wall flashing or waterproofing must cover at least 2 inches up the wall surface from the floor.
3. PRO Certified Installer means an individual who has successfully completed wedi PRO Certification classes, and holds a valid certificate as a PRO Certified installer issued by authorized wedi personnel. Unless earlier revoked or terminated, PRO Certification expires on the forth (4th) anniversary of the date of issuance.
4. Registered Installation means a project in which wedi has been provided the following within thirty (30) days of purchase of the Products:
 - (a) Residence/Building Owner Information (name of owner(s); residence/building address);
 - (b) Installer Information (name of installer and company; address and contact information);
 - (c) minimum of two digital photos of the wedi installation (prior to installation of surface coverings), including a close-up of the entire wedi product installation; and
 - (d) copy of the purchase invoice of the Products.

LIMITATIONS ON COVERAGE.

Neither the 10-year limited warranty, 15-year limited warranty, nor the 20-year limited warranty (collectively, "wedi Warranties") apply to:

- (a) Products damaged or misused after leaving wedi's possession;
- (b) Products not handled or stored according to wedi's written guidelines;
- (c) Products not installed in strict compliance with applicable wedi installation guidelines, applicable building codes, and accepted industry standards;
- (d) Products which have undergone a repair, re-installation, or replacement which was not authorized by wedi in writing;
- (e) damage resulting from a defect in a product not sold by wedi and not bearing the wedi name or logo;
- (f) damage resulting from a defect in the structure or component of the structure and/or framing to which the Products were affixed;
- (g) damage resulting from failure to quarantine or take other protective steps to remove hazardous substances such as mold and mildew, and failure to restrict people from accessing areas affected by hazardous substances;
- (h) claims arising from Products which were not installed within 6 months of purchase, or Products installed in buildings which remained vacant for a period of 6 months any time after installation;
- (i) claims arising in buildings vacant for 4 weeks or longer prior to either occurrence or observance of Product's manufacturing defect or damage, or
- (j) any other cause not related to manufacturing defects of the Products or substantive and directly failure contributing or causing errors in technical or installation manual publications by wedi.

WARRANTY COVERAGE.

If, within the applicable warranty period, any Product does not meet wedi's published specifications because of a manufacturing defect, wedi will, at its discretion, take any of the following actions:

- (i) repair or replace the Product;
- (ii) remove, repair, or replace any materials and/or structures attached to or surrounding the installed Product that were damaged as a direct result of the underlying Product's manufacturing defect; and/or
- (iii) refund the cost of the Product. Precise duplicates of surface finish products, such as tile, may not be available, but where applicable, substantially similar products may be used as a substitute. wedi's maximum liability for claims arising after the first 10 year period in connection with the 15-year limited warranty and 20-year limited warranty shall not exceed twenty thousand and 0/100 U.S. dollars (\$25,000) per building into which the Products are installed.

No representative, dealer, or any other person is authorized to provide any warranty, representation, condition, or promise on behalf of wedi with respect to the Products. No terms or conditions other than those stated herein or provided by law, and no agreement or understanding, shall modify the wedi Warranties, unless made in writing and signed by an authorized representative of wedi.

EXCLUSIVE REMEDY.

The wedi Warranties contained herein are in lieu of any and all other warranties, express or implied, including the implied warranties of merchantability and fitness for a particular purpose. wedi shall not be responsible for consequential, incidental, indirect, or special damages of any kind, except as expressly provided above. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights, which vary from state to state, and province to province.

DISCLAIMER FOR INSTALLATION.

wedi only warranty the “products” (as defined above). The wedi warranties do not apply to installation, and wedi makes no representations or warranties regarding the work of any installer, including Pro Certified Installers. Under no circumstances shall wedi be liable for any claim, loss or damages arising out of the performance of an installer.

NON-TRANSFERABILITY AND CONTINUING WARRANTY COVERAGE.

The wedi Warranties extend only to the installer, developer, distributor, retailer, the owner and first occupant of the residence or building into which the Products are installed at the time of installation (“Claimant”). The wedi Warranties are not transferrable or assignable, except upon the transfer of title to the residence or building from a developer to its first non-developer owner, or where required by applicable law. If any Product is repaired or replaced under the wedi Warranties, ongoing warranty coverage (if applicable) shall continue from the original date of purchase, and not the date of the repair or replacement. Warranty coverage under the 15-Year Limited Warranty and the 20-Year Limited Warranty shall continue after a claim is tendered to wedi only if any required repairs, re-installations, or replacement of Products are performed by a wedi PRO Certified Installer.

CONDITION TO WARRANTY COVERAGE AND NOTICE TO WEDI.

In addition to the other limitations stated herein, wedi shall have no obligations under the wedi Warranties unless notified in writing, within sixty (60) days of the discovery of any potential claim, at:

wedi Corp. c/o Customer Service

1160 Pierson Drive, Batavia IL 60510

(p): (877) 933-WEDI (9334)

(f): (847) 357-9819

wedi shall be allowed a reasonable amount of time, and be authorized to perform testing, as it deems necessary, to investigate all claims. wedi shall not be responsible for any damage resulting from such investigation or testing. As a condition of warranty coverage, upon wedi’s request, Claimant shall provide wedi copies of all invoices for the Products, the surrounding building materials, and their installation.

Manufacturer: wedi GmbH - Made in Germany and USA; Represented in USA, Canada and Australia by wedi Corporation.

Publication of warranty statement and effective date: 8/1/2016.

The wedi Shower System PRO Certification Workshop will expand upon your fundamental knowledge of the wedi Shower System. In this one and a half day training seminar, you will learn the full scope of applications possible with wedi products and the complete wedi Shower System. The training will cover flooring, shower system and steam room applications in detail. Upon completion of the wedi PRO Certification Program, you will qualify for the wedi PRO warranty extension, which may expand the warranty period to 15 or 20 years on qualifying wedi projects**.

wedi will cover food and lodging for in-house wedi PRO Certification classes held at the wedi Corporate location, excluding all travel and transportation expenses. wedi will cover snacks and food only for off site PRO Certification classes. Travel expenses and arrangements are excluded, and are the responsibility of the attendee. Contact your local wedi Technical Sales Support Manager for details regarding registering for a wedi PRO Certification Workshop.

**Other qualifying conditions apply; see the wedi PRO Warranty statement for full details.



01 wedi Building Panel XXL, for shower walls and wet areas ▪ [Page 20](#)

02 wedi Building Panel XL, large design for use as a partition wall, for example ▪ [Page 20](#)

03 wedi Building Panel, the perfect tiling sub-structure for walls and floors ▪ [Page 16](#)

04 wedi Building Panel, easily and cleanly shaped on site to fit individual designs ▪ [Page 39](#)



05 wedi Wellness Loungers, ready to tile and optional with integrated heating
▪ [Page 120](#)

06 wedi Fundo shower floor elements, a wide variety of floor-level or curb design showers ▪ [Page 52](#)

07 wedi Sanbath Tubs – prefabricated tubs including integrated plumbing: plug in and tile ready in minutes ▪ [Page 26](#)

08 wedi Joint Sealant, permanently flexible, waterproof and a strong adhesive for perfect joint treatment ▪ [Page 51](#)



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Building Panel Applications

The Ultimate Tile Backerboard

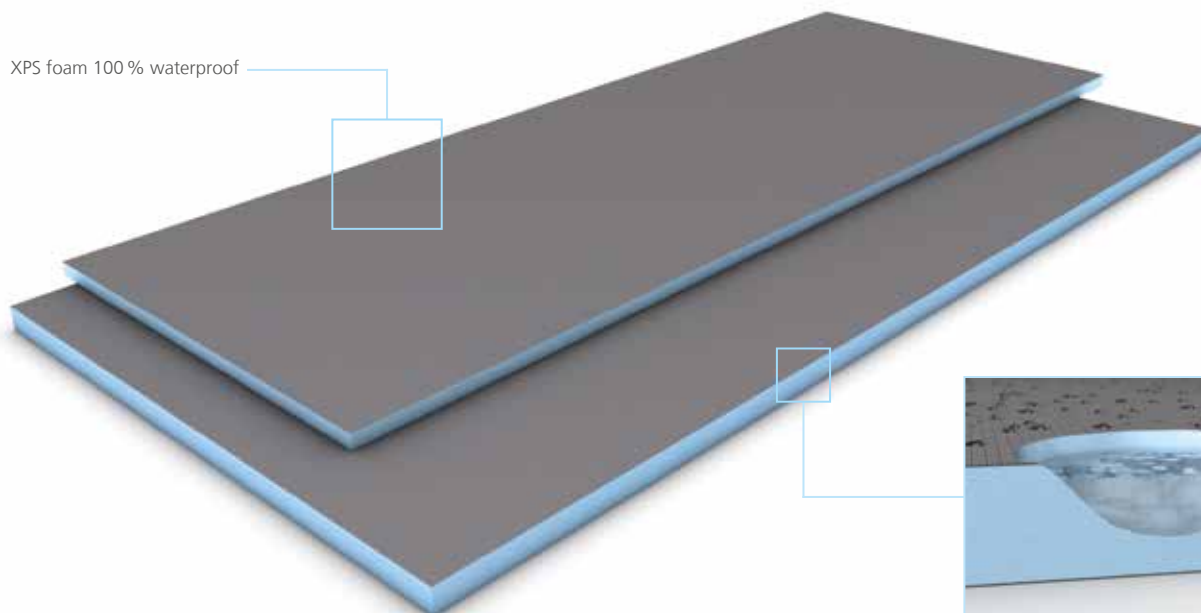
wedi Building Panels are so much more than a simple tile backer board and offer endless installation opportunities. Available in a wide variety of thicknesses and sizes, they are compatible with virtually any substructure. wedi Building Panels are lightweight, internally waterproof and dimensionally stable, making them fast, clean and simple to work with. The blue waterproof core is made from wedi specific extruded polystyrene foam that is manufactured without the use of CFC foaming agents and contains no dangerous fire retardants such as HBCD, reinforced with fiberglass mesh on both sides and coated with synthetic polymer resin mortar which fully embeds the mesh layer resulting in the panel's strength and the ability to develop highest adhesion strength to virtually any type of thinset mortar. The embedded mesh eliminates the risk of delamination of installation layers.

The wedi Building Panel combines the benefits of the latest manufacturing technology and material quality with sound and traditional benefits our trades enjoy. wedi Building Panels are waterproof, lightweight, easy and clean to cut and still incredibly strong and bond friendly for use with any type of thinset mortar application. The wedi Building Panel can be tiled with all types of ceramic, glass or stone tile whether they are mosaic or large format tiles. Especially large and thin tile benefits of the durability of the wedi Building Panel and the even surface it provides.



The Ultimate and Complete Wet Room tile backer board and integral part of the wedi Shower System

wedi Building Panels have a blue core made from extruded polystyrene rigid foam that is manufactured without the use of CFC foaming agents and contains no dangerous fire retardants such as HBCD. This makes wedi building panels an ideal base for any type of thinset adhered tile or stone. wedi Building Panels can be applied to practically any load-bearing substrate, are waterproof throughout, insulating, versatile in its use in field customized applications, light and extremely robust and strong. While often used within the range of wedi shower systems it is also a formidable tile backer board for use on walls, floors, countertops and many more applications.



- 100 % waterproof blue core, made from wedi specific extruded polystyrene closed cell foam which is manufactured without the use of CFC and contains no HBCD
- Available in multiple thicknesses and sizes
- Compatible with virtually any stable substructure
- Versatile, limitless installation capabilities
- Strong, due to cement resin with embedded mesh reinforcement – no chance for delamination
- Superior bond to any tile using any thinset mortars on cement or epoxy basis
- Extremely light weight, easy and clean to cut
- Includes thermal insulating properties
- Protects against mold and mildew naturally
- Perfect, even surface for mosaics, as well as large size or thin body tile



Shower Walls and Wet Areas

The wedi Building Panels can be applied to shower walls and wet areas perpendicular or parallel to the framing, saving time and reducing joint frequency. The panels are fastened quickly and easily in place using wedi fasteners. Once the panels are secured and seams and fasteners are sealed with wedi Joint Sealant, tiling can begin immediately. All in a fraction of the time previously required by traditional methods. The wedi Building Panel combines tile backer board and waterproofing in one product and installation step. This saves time and cost. Its solid waterproof core eliminates concerns typically associated with alternative waterproofing products such as pinholes or delamination. The entire shower structure is protected by wedi's warranty: from bottom to top!

General Limitations/Requirements (installation on walls and ceilings)

- 1/2", 5/8" or 1" Building Panels are the recommended minimum thicknesses for installation to framing
- Wood Framing: 2 x 4's (framing depth 3 1/2 inches), Maximum stud spacing 16 inches o.c.
- Metal frame requirement 20 gauge or heavier studs with maximum 16 inches o.c. spacing
- wedi 1" Building Panel or thicker can be used over 19.1" o.c. spaced wall framing
- 2" wedi alkali resistant fiberglass mesh tape to be applied over all seams in dry areas. wedi waterproof Joint Sealant or wedi Sealing Tape to be applied over all seams and fastener locations heads if a waterproof installation is required
- Attach wedi building panels with one fastener per every twelve inches and in between adjacent panels (seams) over wall framing
- On ceilings, use one fastener per every 6 inches and in between adjacent panels (seams)
- See the wedi Building Panel TDS for more detailed installation instructions by application on wedicorp.com
- wedi Waterproof Joint Sealant or wedi Sealing Tape to be applied over all seams and fastener heads if a waterproof installation is required
- wedi Joint Sealant or wedi Subliner Sealing Collars are used where plumbing protrusions must be sealed
- The Building Panel should be notched out at the bottom to install safely and plumb against the flange of the tub. A bead of wedi Joint Sealant is applied against the flange of the tub
- wedi Product Systems are only used for interior installations.
- Do not use as a wear surface or without tile/stone or other suitable coverings.
- Do not use organic mastic adhesives for setting tile on wedi systems in wet areas.
- Use only thinset mortar setting materials suitable for installation and adhesion to the specific substrate/subfloor type.
- Certain substrates must be primed prior to thinset mortar attachment.
- Do not use where substrate is subject to excessive moisture and moisture content changes.
- Do not use over substrates including, but not limited to: particle board, luan, asbestos, plank, bamboo, hardwood, chipboard, Sponge backed Vinyl Tile / Flooring, Laminates, Fiberglass based surfaces, Metal or Steel surfaces. Do not install over any dimensionally unstable surfaces. Consult wedi for questions regarding specific approved installations not listed here.
- Subfloors must be clean, even, sufficiently load-bearing and dry (cured). Residues, oil, waxes, grease or other contaminants acting as possible bond breakers must be removed.
- A wedi installation does not replace the need for Expansion and/or Movement joint placement within a tile installation. Please follow recommendations found in the TCNA guidelines (Detail EJ171).
- All installations shall be in conformance with IRC for residential installations and IBC for commercial installations or applicable building codes in a region including the consideration of properly designed substrates. All installations including the consideration of properly designed substrates should be in compliance with current TCNA Handbook for Ceramic, Glass and Stone Tile Installation, use details specific to "Cementitious Coated Extruded Foam Backer Board". wedi's technical recommendations supersede all requirements of IRC, IBC, IPC or TCNA where in conflict and exceeding minimum requirements established by the above mentioned institutions.
- Contact wedi for installation of tile or stone smaller than 2 x 2 inches and larger than 12 x 12 inches over wedi product, and where wedi building panel is used in commercial use areas, to learn more about the best practices and requirements applied in such applications. Follow tile manufacturers' recommendations for appropriate tile choice, setting materials and installation techniques.
- When building free standing, non framework attached walls using wedi 2" building panel, the maximum wall length may extend to 4 feet without the need to firmly attach the wall to the ceiling (attachment to floor and wall only). It is helpful to double up walls for larger adhesion and support surfaces to floor and wall, and to Z-notch connect these walls to channels of wedi shower bases.
- Maximum weight of surface coverings and setting materials applied to wedi building panel on walls are 23 lbs/sft. and 18 lbs/sft on ceilings.
- All wall substrates are to be prepared prior to installation to guarantee plumb, even, level and squared (corner) areas to install wedi product. On ceilings, the substrates must be even and level.

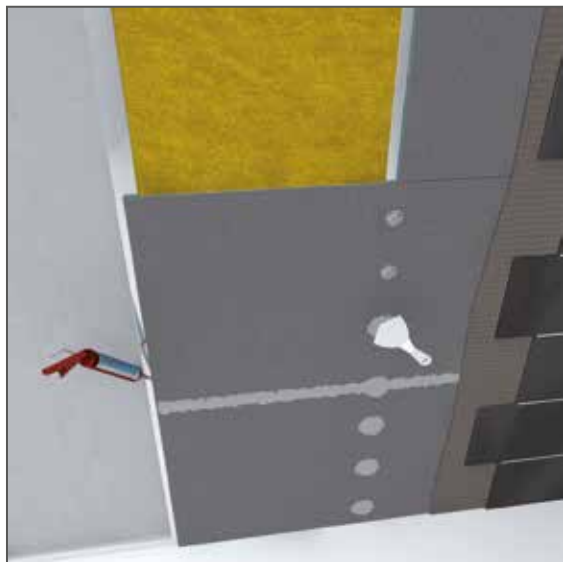




Framed Walls

Whether in wet or dry areas, wedi building panels install perfectly well over wood or metal framed wall construction. The wedi building panels combine lightweight properties with a flexural strength and the right and proportionate stiffness of a real tile backer board. When tile is installed, the wedi building panel does not push in easily. After the installation, it will not succumb under any ordinary tile or stone weight. And this is a fact which not only considers the building panel, but also our fastening and joint treatment methodology. As a system, wedi building panel installations over framed wall are unmatched in their ability to resist shear and tensile forces when benchmarked to any other directly competitive product or copy. And, true to wedi quality level requirements, wedi building panels meet and exceed all relevant industry standards including the demanding shear bond strength requirements under ANSI 118.10 Section 5.

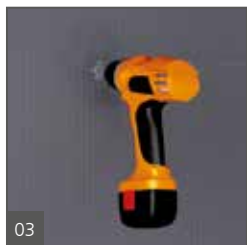
Installation over Framed Walls



01
Using only a utility knife, wedi Building Panel is effortlessly cut and shaped.



02
A continuous 1/2" bead of wedi Joint Sealant is applied on the foam edges of a wedi Building Panel before another panel is joined by butting tightly.



03
Apply 1 wedi fastener per every 12", with an extra fastener applied directly in the seam to provide a flush transition between panels. On a ceiling, apply 1 wedi fastener per every 6". The washer heads are dimpled below the surface of the wedi Building Panel so a flat surface is maintained.



04
All excess wedi sealant is spread flat over all joints using a putty knife. Where needed, an extra bead of sealant is applied on top of the joints and spread flat. The joints should be covered a full 3/4" – 1" on both sides of the seam. Especially wedi joint sealant provides little build up making for square and tight corner areas perfect for tiling. All fastener locations are waterproofed using wedi Joint Sealant spread flat and widely over each washer.



05
Alternatively, wedi sealing tape can be used instead of the wedi Joint Sealant and applied in modified thinset. The sealing tape provides adequate splash water protection but should not be used where standing water occurs because thinset might allow pressing water to migrate underneath the sealing tape through the thinset mortar. If you use wedi Building Panels with wedi Shower Bases, wedi Joint Sealant must be used in between seams and on top of seams. No sealing tape is required in these applications. Please consider: sealing tape is installed in cement based thinset and can allow pressing water to migrate under the tape. The thinset holding the tape can also not provide protection against movement. Both challenges are addressed more efficiently by using wedi Joint Sealant. In dry areas, the seams can be treated with an alkali resistant fiberglass mesh tape by wedi. Where wedi Building panel transitions to drywall panels, wedi reinforcing tape, or sealing tape or wedi joint sealant may be used. The drywall surface should be primed. Conversely, if mesh and gypsum plaster is used over such seams in dry areas, the wedi Building Panel surface must be primed.



Suspended Ceilings

The lightweight, yet extremely strong performance of the wedi Building Panel, as well as its perfectly flat surface and installation, makes it a superior backing substrate for tiles over solid or suspended, framed ceilings. Especially valuable if used in areas subject to rising water vapor such as in pool areas.



Suspended Ceiling Installations

Besides wall and floor applications, the versatile wedi Building Panel can also be used for leveling and suspension of ceilings. Suspension height can be individually set during installation. For areas that require a fire barrier, additional backing material may need to be considered.

wedi installation requirements:

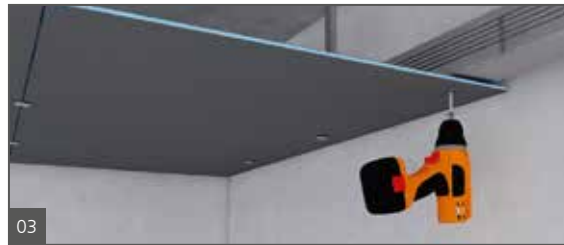
- Framing must be load-bearing and metal stud gauge chosen accordingly
- stud spacing not to exceed 16" o.c.
- On metal studs we recommend to use wedi Joint Sealant to adhere the panels next to using selftapping wedi Screws and Washers



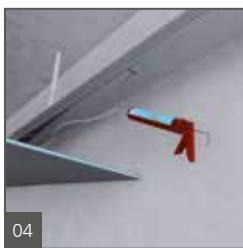
01
Install the ceiling suspension systems to the existing ceiling by using dowels and set the desired suspension height.



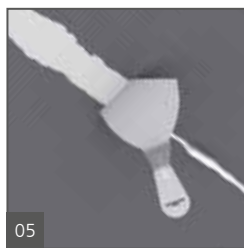
02
Install the corresponding profiles onto the already installed support.



03
Screw wedi Building Panels to framework using either wedi Wood Screws and Washers (wooden frame) or wedi Self Tapping Screws and Washers (steel framework). The fastener pattern is 1 fastener per every 6 inches. Make sure to always use washers/fasteners in panel seams to ensure smooth transitions.



04
When installing wedi Building Panels to metal stud ceiling framework, use wedi Joint Sealant in addition to wedi Self Tapping Screws and Washers.



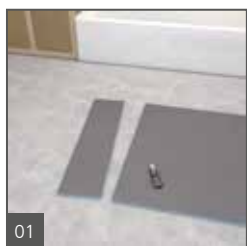
05
Seal all joints and fastener points using wedi Joint Sealant or wedi Sealing Tape. In dry areas, use wedi Self Adhesive Mesh Tape.



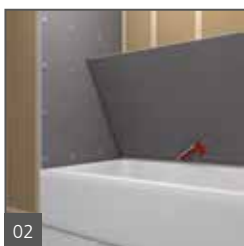
Tub Walls and Tub Enclosures

wedi Building Panels are the natural choice for use with tub walls and tub enclosures. The panels can be installed directly to framing or over gypsum, cement or wood underlayment products to create a waterproof underlayment for tile. They can be easily scored and shaped to provide radius surfaces on tub skirts and do not scratch tubs or fixtures during installation. Additionally, the dimensions of the wedi Building Panels make for quick installations with standard tubs – laid horizontally the panel will span the full five foot width. Cut out a notch at the bottom edge of a wedi Building Panel and safely connect to a tub flange with just a bead of wedi joint sealant in between to safely waterproof this critical connection and create plumb walls, square wall corner areas as well as a full backing for the tile all the way down to the tub's horizontal perimeter area. Because of its waterproof nature, the wedi Building Panel is the natural choice for use in wet areas. The panels do not wick water from the tub perimeter along which water will traverse. wedi Building Panels can be applied directly to studs or over other suitable non-waterproof surfaces to create a waterproof underlayment for tile and can also be used on tub decks and backsplashes or to quickly place complete tub wall surrounds safely.

Tub Wall Surround Application



Measure and cut wedi Building Panel to fit the 16 inch o.c. framework (wood or metal). Notch out all panels if installed around the perimeter of a flange tub to integrate the flange and achieve a plumb wall with square and tight corners.



Attach a notched panel to the framework with a 1/2" bead of wedi Joint Sealant between the notch and flange. Attach the panel to the framework using wedi Washers and Screws at a rate of 1 every 12 inches along the studs. Leave a gap of 1/8" between tub edge and wedi panel bottom end to allow for movement of the tub. Alternatively apply a bead of wedi Joint Sealant in between both materials.



Apply a continuous 1/2" bead of wedi Joint Sealant on the top blue foam edge of the wedi Building Panel before installing the next panel, butting tightly into the sealant. Set another wedi Washer and Screw into the seam to create a flush transition between panels and smooth over excess sealant. When installing a wedi side panel against the already fixed wedi back wall, apply a continuous 1/2" bead of wedi Joint Sealant vertically on the back wall wedi panel where both panels will meet. Apply compression to the wedi Joint Sealant when moving the wedi side panel into position before fastening it.

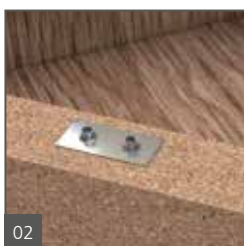
Finally and after all wedi Building Panels are installed a second 1/2" bead of wedi Joint Sealant is applied over all seams and fastener points and spread flat using a putty knife.

Tub Deck Application

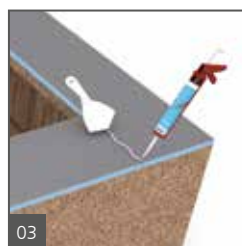


The tub frame structure must be properly supported and load bearing

i Tub frame structures can also be built completely of Building Panels.



Where fixtures are integrated into the tub deck structure, they should be equipped with a stainless steel plate fixing their position



The wedi Building Panel is installed over the structure using modified thinset mortar. wedi Fasteners are additionally applied on vertical areas (1 per sq. ft.), no fasteners are used in horizontal areas. All seams, protrusions or fastener points must be waterproofed using wedi Joint Sealant.



The tub deck can be tiled over immediately once the wedi board is installed, seams and possible fasteners and cut outs sealed and the thinset mortar has set up.



Over Structural Floors

Whether it is in new construction or renovation, a great variety of subfloor types need a tile underlayment prior to setting tile or stone. The reasons for the need of installing tile underlayments are many: they may reduce stresses from subfloors and protect tile. They may be used to build up height as needed to finish the tile surface flush with adjacent flooring surfaces. They may be necessary for waterproofing or insulation purposes. Also very important, they should provide and support successful and lasting adhesion performance for thinset mortar and tile. wedi Building Panels offer a durable underlayment surface once tiled and it passes the Robinson Floor Test (ASTM C627) having achieved a „heavy duty use“ rating. In combination with its ideal flat surface, it is a natural choice when installing either small tile or very large tile but possibly extremely thin tile on floors. Both require perfect thinset mortar coverage and adhesion, made easy when working on a most flat and even surfaces and they need the full support of a strong underlayment like the wedi Building Panel. It is, however, important to evaluate the suitability of a subfloor structure, or the layer below a tile underlayment, to ensure a proper tile installation and also the choice of a good underlayment fitting the application.

General Limitations/Requirements (Concrete & Wood Subfloors)

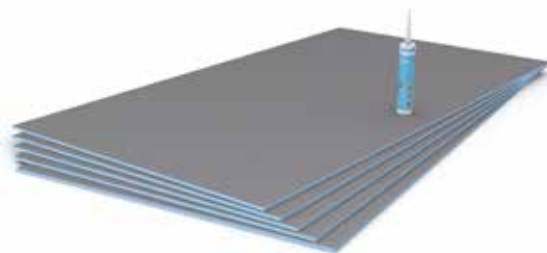
- wedi Product Systems are only used for interior installations.
- Do not use as a wear surface or without tile/stone or other suitable coverings.
- Do not use organic mastic adhesives for setting tile on wedi systems in wet areas.
- Use only thinset mortar setting materials suitable for installation and adhesion to the specific substrate/subfloor type.
- Certain substrates must be primed prior to thinset mortar attachment.
- Do not use where substrate is subject to excessive moisture and moisture content changes.
- Do not use over substrates including, but not limited to: particle board, luan, asbestos, plank, bamboo, hardwood, chipboard, Sponge backed Vinyl Tile / Flooring, Laminates, Fiberglass based surfaces, Metal or Steel surfaces. Do not install over any dimensionally unstable surfaces. Consult wedi for questions regarding specific approved installations not listed here.
- Subfloors must be clean, even, sufficiently load-bearing and dry (cured). Residues, oil, waxes, grease or other contaminants acting as possible bond breakers must be removed.
- Deflection of all subfloor installations must not exceed L/360 for ceramic tile installations and L/720 for dimensional stone installations over wedi product under consideration of live and dead loads measured between joists.
- Any leveling of the subfloor must be done prior to installing wedi product and tile. Subfloor maximum variation from plane must not exceed ¼ inches in 10 ft. and 1/16 inches in 12 inches when tile over wedi product is used and all edges of the tile shorter than 15 inches. For installations over wedi product using tile with at least one edge 15 inches or longer in length, maximum allowable variation is 1/8 inches in 10ft. and no more than 1/16 inches in 12 inches. Make sure to use leveling materials adequate to the challenges of the application. When leveling or building up larger areas including outside the shower please do not use material that can be affected by even low water exposure.
- wedi products should not be installed over bowl shaped, uneven structures unless suitability is specifically determined for a wedi product.
- A wedi installation does not replace the need for Expansion and/or Movement joint placement within a tile installation. Please follow recommendations found in the TCNA guidelines (Detail EJ171).
- All installations shall be in conformance with IRC for residential installations and IBC for commercial installations or applicable building codes in a region including the consideration of properly designed substrates and subfloors. All installations including the consideration of properly designed substrates and subfloors should be in compliance with current TCNA Handbook for Ceramic, Glass and Stone Tile Installation, use details specific to "Cementitious Coated Extruded Foam Backer Board". wedi's technical recommendations supersede all requirements of IRC, IBC, IPC or TCNA where in conflict and exceeding minimum requirements established by the above mentioned institutions.
- Contact wedi for installation of tile or stone smaller than 2 x 2 inches and larger than 12 x 12 inches over wedi product, and where wedi building panel is used in commercial use areas, to learn more about the best practices and requirements applied in such applications. Follow tile manufacturers' recommendations for appropriate flooring tile choice, setting materials and installation techniques.

Installation over structural wooden surfaces – Flooring

- Plywood subfloor joist spacing must not exceed 16" o.c. with minimum thickness of T&G exterior grade plywood of 23/32 inch. Joist spacing in excess of 16" o.c. and up to 24: a structure comprised of one 23/32" exterior grade plywood with 1/8" of a gap between sheets and one additional layer of minimum 3/8" thick exterior plywood with 1/8" gap between sheets.
- Plywood subfloor sheets must be properly glued and fastened.
- Wood subfloors and structures attached to wooden subfloors must be kept dry and wood moisture content must be maintained at consistent service and use levels and must not exceed 15 %. Where constant moisture or vapor is present, ventilation must be installed to eliminate exposure of the wood structure from below the wedi product layer.

Installation over structural concrete/ cement base surfaces – Flooring

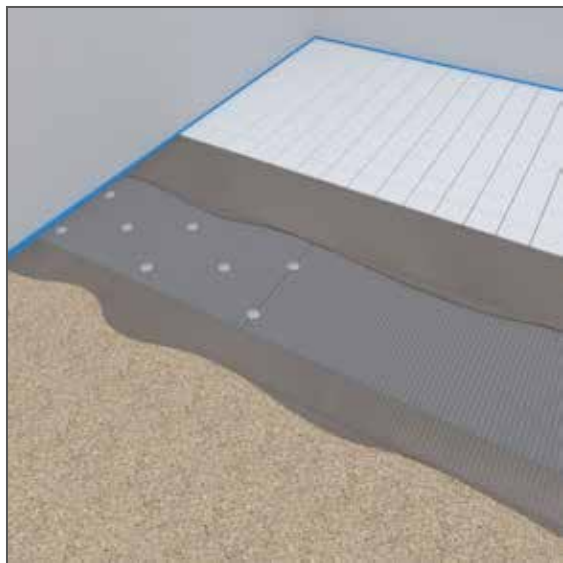
- Concrete slabs or other structural cement based substrates must be fully cured (at least 28 days but up to 3 months for new Portland cement based concrete or lightweight concrete under normal conditions, mix ratio and ambient climate). Field verification of full cure (see moisture level indicators below) is necessary to determine a full cure.
 - Residual humidity must not exceed the following value per each floor type when setting wedi product and/or tile coverings:
 - Calcium Sulphate Screeds: 0.5 %
 - Calcium Sulphate Screeds, heated: 0.3 %
 - Cement Screeds: 3.5 %
 - Gypsum based underlayment: 1 % or per manufacturer recommendation
 - Anhydrite Screeds: 0.5 %
- Conduct measures with CM device.
- Please note that wedi product systems might trap rising moisture during cure time or in general from unisolated concrete ground floors not equipped with a vapor barrier.
- Concrete Subfloors must not be subject to hydrostatic water pressure.
 - Existing cracks in subfloor must be filled and secured.
 - Do not use over control and/or expansion joints subject to out-of-plane movement or in- plane- movement.





Over Wooden Subfloors

wedi Building Panels are excellent underlayments for tile over interior wood subfloors. When applied over wood subfloors – wedi Building Panels act as a waterproof membrane and offer a superior bonding surface for tile. Additionally, the thermal insulating qualities of the panels support installations including floor warming systems under the tile covering. The cleanliness of cutting and installing wedi building panels make especially renovating a great experience. Crisp cuts around installations or obstacles provide for full surface tile support even in underlayment edge areas and tricky spots. When used for waterproofing the exact cut outs and perfect joint alignment provide tight and closed waterproofed surfaces.



Installation over Wooden Subfloors

All wedi Building Panel sizes and thicknesses can be used as tile underlayments over wood subfloors. A modified thinset mortar is applied to the floor with a 3/16" to 1/4" square notch trowel to provide a ribbed bed. The wedi Building Panels are then laid into the mortar. All joints should be staggered so that no seam continues throughout the length of the floor. wedi fasteners, in this application tabless washers and wood screws, are applied every 1 ft into seams to create flush transitions between panels making use of the wedi washer and are generally set at a rate of 1 fastener per 1 square foot across the panel surface. All seams should be taped with wedi alkali resistant mesh tape in dry areas or with wedi Sealing Tape or wedi Joint Sealant in wet areas. Fastener points are waterproofed using wedi Joint Sealant before tiling begins once the thinset mortar has set up below the wedi panels. Use weights over wedi panels and especially across panel transitions to ensure full bond and smooth transitions.



Simply spread modified thinset mortar over a clean wood subfloor using a 1/4" x 1/4" notch trowel provided the subfloor is even and load-bearing.



Apply the Building Panel by laying the panels into the mortar. Stagger all panel joints.



Fasten with wedi fasteners. Use wedi tabless washers and wood screws.



Tape all joints with wedi fiber-glass mesh tape in dry areas or wedi Waterproof Sealing Tape or wedi Joint Sealant in wet areas. Fastener locations should be waterproofed too using wedi Joint Sealant. Begin tiling!

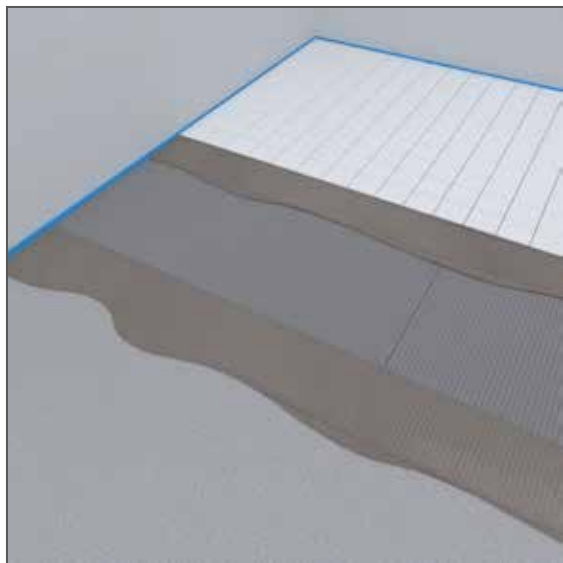


Extend your waterproofing from shower and tub areas into the whole bathroom with wedi Building Panels on your floor. Especially when installing floor level entry showers, a waterproof tile underlayment is needed in front of a shower entrance. wedi Building Panels can help you create both in one step: your waterproofing and tile underlayment as well.



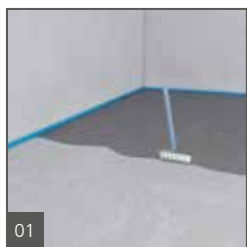
Over Concrete Subfloors

When installed over concrete, wedi Building Panels function as a crack-bridging underlayment, as cracks are not likely to transfer through the polystyrene core. The polystyrene foam also acts as a water barrier, when the seams are properly treated, making the system 100 % waterproof. The panels have excellent thermal insulation qualities, especially when used under floor warming systems. The wedi Building Panel can help smooth out slightly uneven slabs if appropriate mortars or wedi panel thicknesses are used.



Installation over Concrete Subfloors

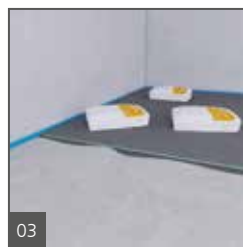
All wedi Building Panel sizes and thicknesses can be used as tile underlayment over concrete subfloors. Modified thinset mortar, combed through with a 3/16" to 1/4" square notch trowel, will then provide a ribbed bed into which the wedi Building Panels will be laid. All joints should be staggered so that no seam continues throughout the length of the floor. Apply weights (i.e. tile boxes) onto the surface and where transitions are located while the mortar is setting up. After the mortar has set, wedi alkali resistant fiberglass mesh tape, or wedi Sealing Tape or wedi Joint Sealant should be applied to all seams, then tiling can begin.



01 Make sure the concrete floor is fully cured and free of debris, oil or waxes. Some concrete floors might require priming or vapor retarders prior to thinset mortar installation.



02 The panels are installed in a full coverage setting bed using modified thinset mortar allowing best connection between subfloor and wedi panel.



03 Stagger all joints when laying wedi Building Panels on the floor. Apply some weights such as tile boxes equally distributed over the wedi panel surface.



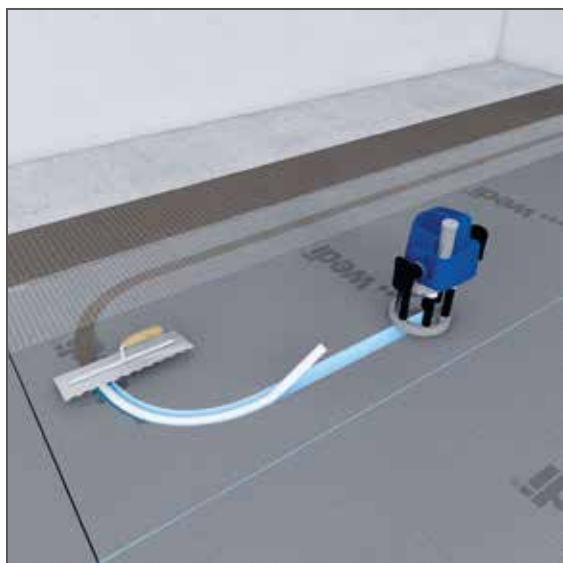
04 Tape all joints with wedi fiberglass mesh tape in dry areas or wedi waterproof sealing tape or wedi Joint Sealant in wet areas. Begin tiling!



Over structural floors and with Floor Heating Systems

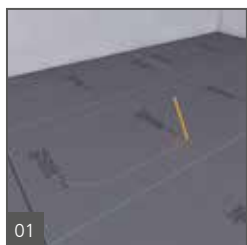
wedi Building Panels are ideal for use beneath floor heating systems whether you have a warm-water heating or an electrical floor warming or heating system. The panel's insulation properties isolate the heat from the substrate and guide it straight into the room thus saving energy and reducing warm up time, as well as supporting equal distribution of warmth.

Electric floor heating systems can be installed as per manufacturer's instructions onto already installed wedi systems and underlayments (i.e. wedi Building Panels, Fundo floor elements, Sanoasa benches, Sanoasa loungers). In wet areas, only products approved for such individual application and areas such as i.e. showers should be used.



Installation of Hydronic/Water heating systems

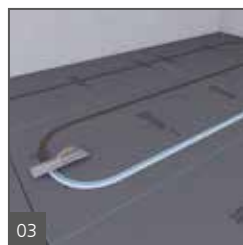
wedi Building Panels are ideally suited for use beneath floor and even wall warming systems. The building panels' good insulation properties keep the heat away from the ground and reflect it back up in to the room, regardless of whether you have a hot-water heating system or an electric system. wedi Building Panels save energy and provide shorter warm up times around your heating system. The warmth is evenly distributed across the entire floor.



01 Draw ducts/grooves onto the wedi Building Panel for installation of the heating system.



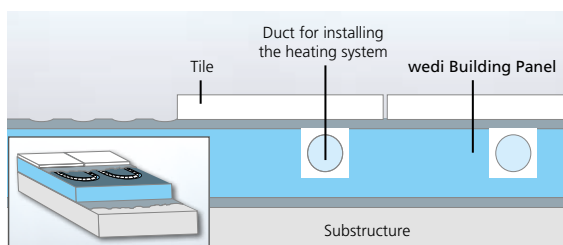
02 Cut grooves using a router. Cutting width should be the same as the pipe width; cutting depth should be at least 1/8" deeper. Make sure at minimum a remaining wedi panel foam thickness of 1/4" remains intact below the pipe.



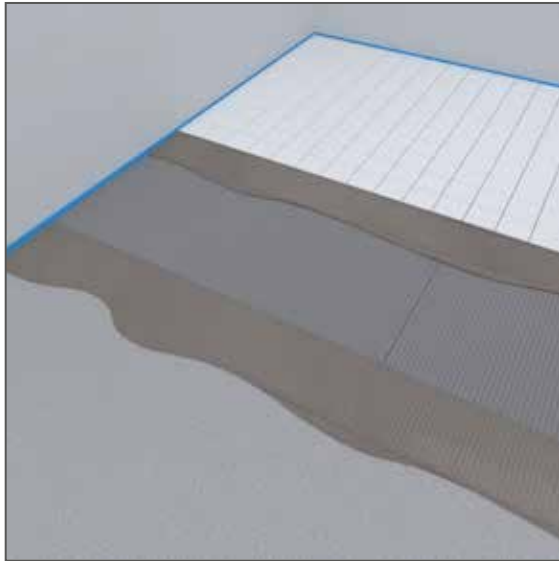
03 Install tubing into the groove. Fill tile adhesive into the pipe duct to cover pipe and fill voids.



04 Apply wedi's wide self adhesive reinforcement tape over the installed ducts. Start tiling. Tiles smaller than 4" x 4" should not be used over hydronic system installation surfaces.



For hot-water systems, ducts can be cut into the building panel and other wedi elements quickly and easily. The building panel serves as a combined form of heat insulation and a base for installation of tile and serves as waterproofing protection if needed.



Installation of Electric Floor Warming Systems

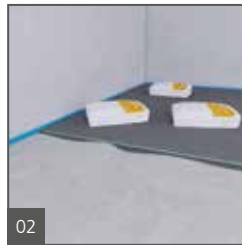
The wedi Building Panels save time and money while conserving energy when used in conjunction with any common electric floor heating system. The extruded polystyrene foam core construction makes the system 100% waterproof and the perfect heat insulator and thermal barrier. wedi Building Panels are equipped with a cement resin surface that is reinforced with a fiberglass mesh and provides an ideal bond to any common tile adhesive or selfleveling product which may be needed to integrate an electric cable or mat system.

wedi installation requirements:

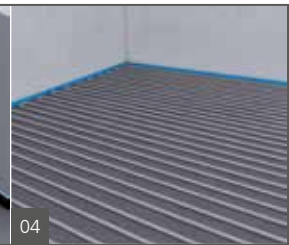
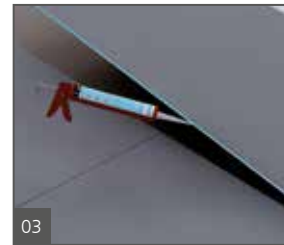
see page 23 – 28



Make sure the concrete floor is even, fully cured and free of debris, oil or waxes. The wedi Building Panels are installed using modified thinset mortar using a 1/4" x 1/4" notch trowel.

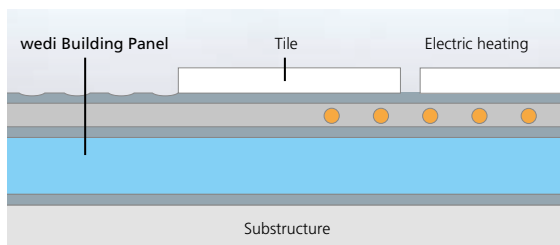


Stagger all joints when laying wedi Building Panels on the floor. Apply some weight on the boards during initial thinset setting time and especially over board transitions.



wedi Joint Sealant can be applied with a continuous 1/4" bead while setting the panels in position (seams butted tightly) or after they are set and with the bead of sealant installed over the seam before it is spread flat using a putty knife. All excess sealant must be spread flat so joint sealant covers the seams at least 1/2" to 3/4" on either side of the seam. In dry areas, wedi selfadhesive alkali resistant mesh tape can be used to reinforce the seams.

Install electric floor warming system according to manufacturer's recommendations. Please make sure the wedi Building Panels are not punctured by staples or other mounting devices.



Electric under floor heating systems are easy to mount on the building panel and downward heat loss is prevented, making the heating system noticeably more effective.

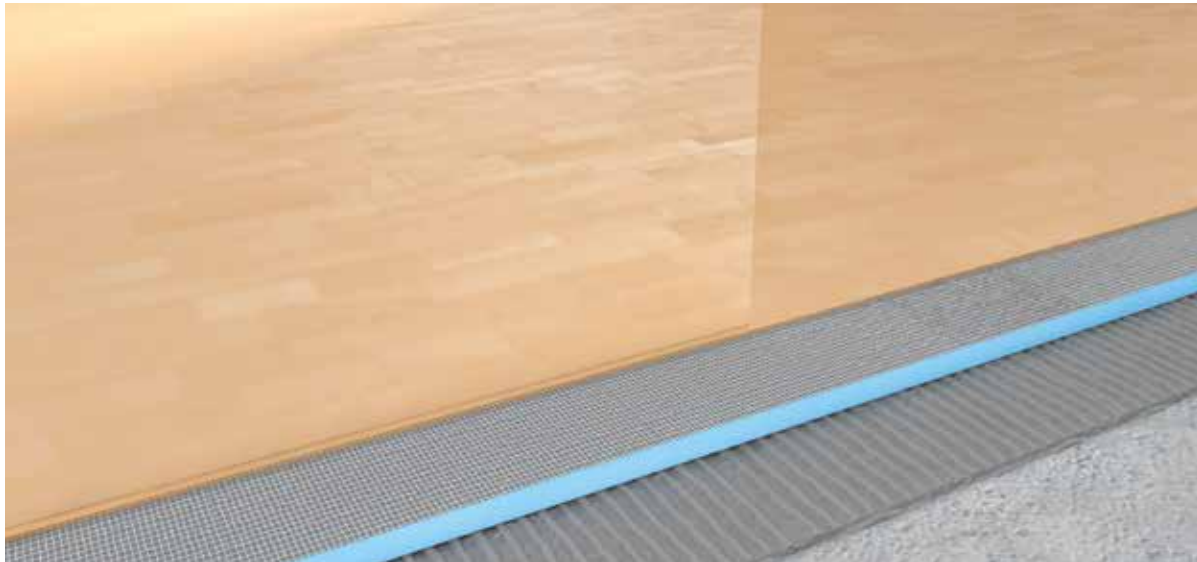
Note on electric floor warming systems

Electric floor heating systems can be installed as per manufacturer's instructions onto already installed wedi product system or underlayment surfaces and reinforced elements (e.g. wedi Building Panels, Fundo floor elements, Sanoasa benches, Sanoasa loungers). Here only products approved for such individual application and areas such as i.e. wet rooms should be used.



On Floors: wedi under Ceramic and Stone Tile Coverings

Virtually all mosaic and larger or thin tile formats, such as dimension stone or thin porcelain tile, can be installed over wedi Building Panels, which are an ideal carrier element and allow for easy and fast installation. Natural stone is also properly supported and cannot transfer soluble salts causing efflorescence due to the impervious nature of the wedi substrate, separating it from concrete subfloors. Please contact wedi for suitable tile choice and formats for use in various types of installations, such as residential or commercial.



Alternative Floor Coverings: wedi under Laminates and Ready-to-Lay Parquets

Laminates and ready-to-lay parquets are an alternative to ceramic floor coverings. Laminate is a comparatively low-cost material that is only coated with a decorative layer; parquet is a wood flooring that – depending on quality – may be very durable. Both floor coverings are available in many different wood designs and colors as well as various qualities. Also here, the wedi Building Panel is the perfect carrier element, where the laminate is laid as a floating floor.

i Contact wedi for best practice installation methods or substrate requirements when using specialty surface coverings.

Wall Surface Coverings Installation Possibilities over wedi Building Panel



Ceramic, Stone and Glass Coverings

Ceramic coverings offer various possibilities for wall and floor design. Depending on the intended use and personal taste, there is a wide variety of tile in different shapes, colors and materials. Here, the wedi Building Panel is the perfect carrier element for ceramic coverings as the tile can be installed directly to the board surface without any additional steps needed. There are no limitations concerning setting adhesives, grouts. All types of ceramic, porcelain, stone or glass can be used with wedi Building Panel. The surface is even and consistent, which works perfectly for mosaic as well as large format or thin body tile.

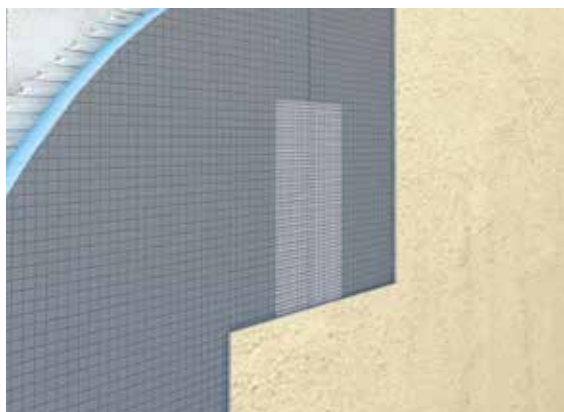


Plasters and fillers

Today, plasters and stucco are not only used for the creation of a plane surface for tiling, painting or wallpapering, but they also represent a visual design element. Also here, the wedi Building Panel is the perfect substructure.

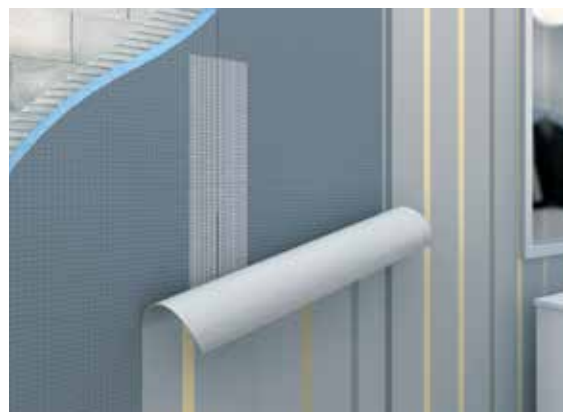
Important information:

Contact the wedi application specialist for advice on areas with shock loads. Plasters containing gypsum require priming of the building panel.



Wall paints

The unique wedi Building Panel is also suitable for paint application. However, a sufficient layer of plaster or stucco must be applied to cover-up the mesh grid structure providing a smooth surface on the building panel, upon which paint can be applied. Whether in living areas or in the bedroom – the design options are many and the room will always be pleasantly insulated.



Wallpapers

It is even possible to hang wall paper over a stucco or plaster covered wedi Building Panel surface. Cement based plasters offer a stable surface for the adhesive which is an enormous advantage over many other boards.

Constructing Individual Bathroom Furniture

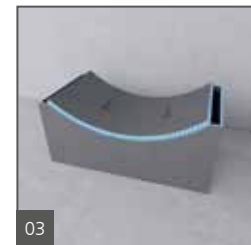
wedi Building Panels open endless possibilities in the design of circular and other shapes. Whether you wish to achieve tight curves or semicircular solutions, the wedi Building Panel grants you plenty of scope to develop your ideas for virtually all applications. Since wedi Building Panels offer exceptional moisture protection and heat insulation, you can be assured your installations are guaranteed to meet the highest quality standards, no matter the shape and size you choose to create. Here is just one example how to shape the wedi Building Panel.



01 Create a series of cuts into the wedi Building Panels 1/2 the thickness of the panel deep. The distance between cuts depends on the tightness of the radius needed later. Use a circular saw for these cuts.



02 To shape the wedi Building Panel according to your wishes, you may first want to create a type of template, e.g. out of wood.



03 Then place the wedi Building Panel flush along the structure, with the incisions facing upwards...



04 ... and apply wedi Self Adhesive Mesh Tape followed by a flat application of thinset mortar.



05 Once the thinset mortar has set, the shaped wedi Building Panel can be moved into its intended final position or application.

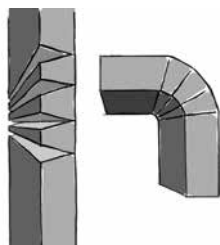


06 A wide range of other shapes are possible using the wedi Building Panel. All you need is a template shaped to suit your needs. A template may not be needed for simpler shaping.

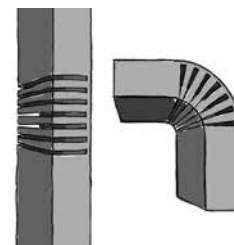
Important:

We recommend to waterproof over cut wedi Building Panels in wet areas as the panels are cut to bend properly, but may break through the foam in handling.

Tools and Methods to cut wedi Building Panels into flexible shapes – curved bench styles



Cut the wedi Building Panel using a utility knife and straight edge. This way wave shape constructions can be produced. For a small radius – cut out wedges from the building panel or...



... cut the wedi Building Panel using a hand-held circular saw and bend it into a curve.



How to install suspended triangle seats (Prefabricated and field fabricated)

Triangles made from wedi 2" Building panel may be used to construct and install tile ready, suspended corner seats. The panels may be single sheets or doubled up to 4 inches or more by adhering several triangle cut wedi 2" panels using full contact application of a minimum 1/4 x 1/4" square troweled bed of modified thinset mortar or wedi joint sealant equally applied to the surface in 1/2" thick beads. The triangle seats are sealed and adhered against wedi wall building panels using wedi joint sealant applied in 1/2" beads equally distributed over the contact surface. The seats should be pressed into position giving it no more than 1/8" of a slope to the front. The seats have to be kept under compression against walls for at least 20 minutes. More joint sealant is then applied in 1/2" beads over all seams top and bottom of the seat and troweled flat using a putty knife. Once the joint sealant has developed a skin after appr. 20 – 30 minutes, wedi mesh tape is finally applied in modified thinset mortar over these seams. The seat is now ready for tiling. Please note that the maximum seat size in this shape is limited to 18" seat length at both connecting (ninety degree corner-) walls. Such field constructed triangle seats are approved for live and dead load of 250 lbs centered on the seat. Below you can see the installation of wedi's prefabricated triangle seats. They are designed to withstand a weight of up to 350 lbs centered on the seat.



Apply wedi Joint Sealant to the side of the mounting bracket that will be attached to the wedi Building Panel wall.



Evenly distribute wedi Joint Sealant with a putty knife until the whole contact area is covered.



Using a level, make sure you can achieve a slight 1/8" V 1 ft. pitch for the bench. You may slightly pitch the brackets or install these level and use wedi Joint Sealant as a wet shim.



Mount the brackets through the wedi Building Panel wall into the solid 2' x 4' wooden framework.



Using a putty knife, apply wedi Joint Sealant to the blue foam edges of the seat that will contact the wedi Building Panel wall and brackets.



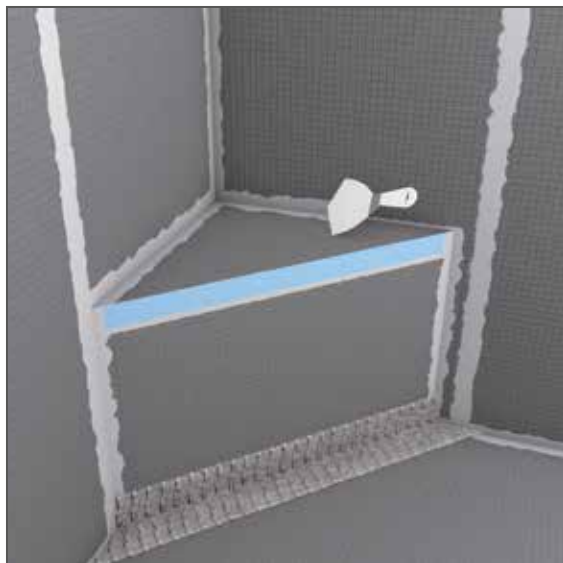
Press the seat element into position and apply a weight (i.e., tile box) so the sealant can set under bond pressure.



Apply wedi Meshtape to the transition joint between the seat element and the wedi Building Panel wall. Apply a flat thinset mortar bed over the Meshtape and fully embed it.

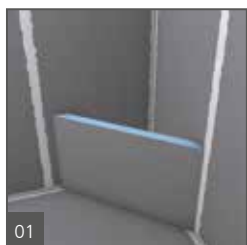


Apply Step 7 now to the underside of the seat element. Apply Meshtape and thinset mortar to the vertical seams as well.

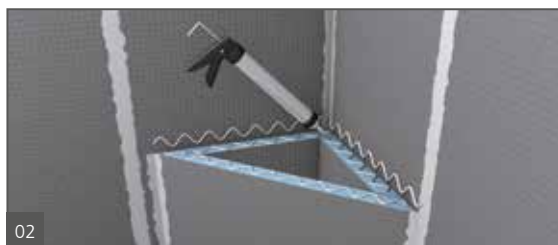


Building Custom Seats and Benches Using 1 1/2" or 2" thick wedi Building Panels

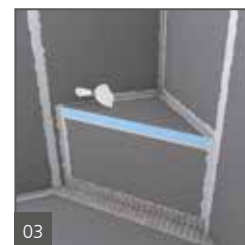
wedi offers prefabricated suspended or wall mounted seats and floor standing seats. Both may also be constructed on site using wedi Building Panels. This is an ideal option that will perfectly accommodate your individual tile and design layout.



01 Measure and cut the bench pieces off a wedi 2" thick Building Panel and dry fit. When installing a corner seat, the panel edges are mitered for a tight fit. To achieve a slope, the part's upper ends are cut down with a slight angle towards the front of the bench. Optionally, create a pitch using wedi joint sealant as a "wet shim". The wedi parts are adhered to the wall using thinset mortar or wedi Joint Sealant. Adjoining parts are glued together using wedi Joint Sealant



02 continuously applied along all foam edges of a panel part. Excess is spread flat over the seams using a putty knife. Where the part's backs meet the wedi wall, modified thinset mortar is used in a full contact surface bed. Once the bench is built, a final bead of wedi Joint Sealant is applied to safely seal all seams to the wedi wall. The vertical front part of the bench will show a small gap to the pitched floor. Please fill with thinset mortar and alkali resistant fiberglass mesh tape by



03 wedi, applied over this seam. Alternatively, benches and seats are offered as prefabricated units made by wedi. For longer or larger benches built from our 2" building panel, always install one spacer/support made of wedi 2" Building Panel every 18 inches in either direction. Over blue exposed foam edges please adhere a wedi Building Panel strip to foam using wedi Joint Sealant. This will create a cement based surface to adhere tile to it. Optionally, the blue foam may be covered with wedi Joint Sealant. The covering of the blue foam areas is not necessary, where tile is used that will overlap and cover the blue area with no more than 50% of its size. Such larger tile is thinset adhered to seat including the foam surface. The maximum weight allowance on such benches built with support with a difference of 18 inches in all directions is 500 pounds per square foot.



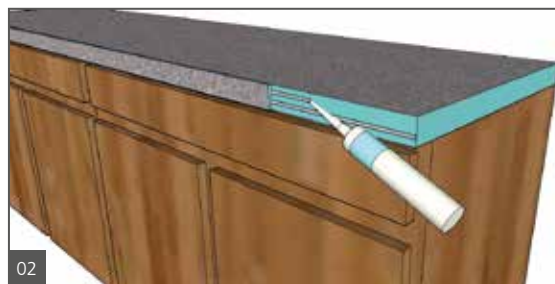
With Countertop Surfaces

wedi Building Panels are ideal for use as countertop substrates. The wide variety of thicknesses and sizes such as the 2' x 8' or 4' x 8' panels are ideal for simple and fast installations and require no additional support in installation. Install your countertop substrate and be ready-to-tile in minutes. wedi Building panels in 1 1/2" thickness or 2" thickness are ideal for tiling with smaller format mosaic tile or for installation of large format, thin porcelain tile or slab. On the following page, the installation of a large format thin profile porcelain tile is featured.

Installation of Large Format Thin Porcelain Tile Over Countertops



Apply a continuous 1/2" thick bead of wedi Joint Sealant over the spacers of your countertop. Glue down the wedi Building Panel in thickness of 1 1/2" to 2" after you have cut it to size. Leave it recessed behind the front of the counter so you can apply a strip of wedi Building Panel to the exposed foam edge as shown in 02 and still finish flush. Apply some weight equally on the surface for 15 minutes so that the wedi Joint Sealant (a strong adhesive) can set up properly under compression for about 20 minutes.



Apply wedi Joint Sealant and a strip wedi Building Panel in any thickness starting from 1/8" thick standard wedi Building Panels. This strip's cementitious coating side will allow you to better set small tile.



Cut out for the sink using a jigsaw or handsaw. As needed, recess cuts might be created with a utility knife or a router to accommodate recessed sinks. Cutting the holes may proceed before or after installation of large format, thin porcelain tile as indicated in step 05.



Install the large, or small format tile, including thin veneer tile, or stone to the wedi Building Panel surface and edges using a modified thinset.



Apply weight equally distributed across the tile until thinset mortar has set.

Installation Tips:

- wedi Building Panels starting with an panel thickness of 1 1/2" can be used over counters without additional plywood support. The wedi panels may overhang at the countertop edges by a maximum of 6 inches if overhang areas are tiled top, front and bottom.
- Some large or irregular shaped countertops will require multiple panels. This makes necessary the use of an edge leveling system to maintain a smooth transition between the large format, thin porcelain tile. For timing and method of installation refer to the edge leveling system manufacturer's instructions.
- In areas where the countertop intersects with the back-splash or other vertical projections through the countertop, differential movement will occur. For these active transitions, most manufacturers recommend the use of a color coordinated 100% silicone caulk for its superior flexibility and adhesion, or when applicable a permanent metal or plastic edge treatment piece can be used.
- Full coverage of bonding mortar is critical for the impact resistance of the installed countertop. It has found that a high speed orbital sander with pad is the best way to evacuate the air and collapse the ridges under the panel. The installation guidelines for floors, including but not limited to, proper trowel and troweling technique (excluding the walk in method for embedding), should be followed for countertops.



Steam Rooms and Steam Showers

Whether installed in a steam room with commercial 24 hour use or in a residential steam shower, wedi Building Panels, just combined with wedi Vapor Barrier, form the industry's first sufficient solution to protect your tiled steam room against the threat of water vapor transmission through walls or ceilings. Water vapor transmission through building materials into walls or ceiling substrates can cause deterioration and mold. Traditional vapor retarders and waterproofing methods often fail to address the challenges in many situations due to use of products that may act as a waterproofing but may display insufficient or no water vapor retarding properties, or the proper placement of water vapor retarders or the entire installation concept may be wrong. Many installation concepts may fail because they allow water vapor pressure to build up due to a lack of insulation in a wall ceiling which may lead the chosen vapor retarder to fail. To be sure, steam showers and rooms also require waterproofed surfaces just like general shower or wet rooms. A tricky part is, however, that it is not safe to assume that a vapor retarder layer can generally be a waterproofing layer able to withstand (liquid) water pressure and vice versa. The wedi System offers all three: The waterproof and vapor retarding XPS foam underlayment systems with insulation value built in, and the surface added, strong liquid wedi vapor barrier- all in one compact system.

Residential and Commercial Use for Steam Rooms and Steam Showers



Maximize Protection Against Water – Vapor Permeation and Damage

Wall and ceiling assemblies in steam rooms and showers must feature sufficient vapor retarder attributes. Very few assemblies or products suitable for tile substrate installations can be called a true vapor barrier or even a sufficient vapor retarder for many, especially commercial or continuous use steam room applications. For our applications purpose, a water vapor retarder performance is measured in WVTR (Water Vapor Transmission Rate) or Permeance. WVTR/Permeance is measured, for a material or construction layer with a specific thickness, whereby the test specimen is exposed to specific environments and a climate differential established on either side of the specimen (climate differential such as between steam room insides and outsides). Permeance, the specific performance, is the arithmetic result of the permeability of the material divided by its thickness and is measured in perms. It is important, that when determining WVTR/Permeance, the proper ASTM test method is used. The TCNA now requires that all steam room application related vapor retarders must be tested according to ASTM E96, method E, to document performance as needed. A product suitable for steam rooms should generally have a Perm rating of 0.5 or less, in commercial applications 0.1 or less. Most common waterproofing membranes do not come close to providing such properties and are either not properly tested or show higher Perm ratings than should be allowed for steam room applications. Current steam shower details in the Tile Council of North America Handbook for Ceramic Glass, Tile and Stone Installation call for a minimum Perm rating for vapor retarders of 0.5 in all continuous use steam rooms. wedi, however, recommends higher standards.

Vapor Barrier Components A and B are supplied in pre-measured quantities. Add Comp. B to Comp. A by piercing a hole through the top (rubber membrane) and the bottom of Component B. Assure that Component B completely flows out of the container. Always mix a complete kit in the proportions supplied. Do not alter mixing ratios. Stir mixture for approx. 5 minutes to a homogenous, streak free consistency, using a slow speed drill (approx. 300 rpm) with a clean Polished Steel Jiffy blade. Avoid entrapping air. Ensure that the material at the bottom and sides of the pail is agitated well. After mixing, pour it into a clean metal container and carefully mix it again for additional 30 seconds. You may now fill the material into a heat resistant paint tray. Larger surface exposure keeps the heat reaction lower and slows the curing. Please go to www.wedicorp.com for more technical details regarding wedi Vapor Barrier.

Apply to the clean wedi substrate, free of oil, grease or other contaminants, by non-shed roller or notched squeegee. A thorough 2-Coat Application with a dry time of approximately 30 minutes in between the two coats is required. Each coat should be 8 mils thick (wet thickness = dry thickness) for a total of 16 mils (wet thickness = dry thickness) for the complete application. The surface is ready for tiling using an epoxy mortar according to ANSI 118.3 or a cement based, modified thinset mortar according to ANSI 118.4 (must be recommended for extreme wet areas with frequent and strong temperature changes) only 3 ½ hours after final application of the second wedi vapor barrier coat. Tiling must be completed within 5 days maximum after application of the final, second coat has been left to cure for 3 ½ hours. If tiling must commence later, the surface has to be roughened for best adhesion using fine sandpaper and cleaning off the dust later. A new surface coat of the wedi vapor barrier must be installed as a primer surface up to 8 mil thick. The primer coat must be allowed to dry for 3 ½ hours and again can be tiled over within 5 days.

Limitations: Do not spray apply this product. Do not alter mixing ratios, thin or mix with Cab-O-Sil. Contact wedi technical department for applications not listed.

General Installation Recommendations for Steam Rooms

- Build a sufficient slope (2" per 1 ft.) into the ceiling so condensation water runs down toward walls without dripping.
- Lead the steam supply copper pipe into the lower third of the wall height so the steam can rise. Make sure the steam supply copper pipe is installed through the steam room wall in an area where users will not be directly exposed to hot steam and approximately 1 foot high from the ground. Heat protected fixtures are recommended.
- Properly insulate the copper steam pipe so the high temperature does not touch the wedi Building Panel foam (wedi resists up to 175° F).
- All installations of lighting should reflect heat downward. All installations of any fixtures must be vapor tight in product and installation.
- All installations are to be vapor proofed using wedi Joint Sealant, wedi Vapor Barrier or Sealing Collars to address cut outs for installations (i.e. shower valves).
- Make sure the fresh air supply and exchange is given, either by automated fans or ventilation or through an open space (1") between glass door and floor tile.
- Use only surface finishes, setting materials and other products which are made to function and last in a warm/cold instant change climate and water vapor pressure environment.
- The installation of adequately placed slip and expansion joints in the tile or stone application is extremely important in steam rooms. Refer to TCNA Handbook details SR614-13 and EJ171.
- Doors must open to the outside and must not lock. No obstacles must be present in interior pathways of a steam room.

Technical Properties ■ wedi Systems

Properties & Test Methods Value (wedi Building Panel and Fundo Shower System Components)		
Thermal Conductivity	75°F (25°C) - ASTM C518	0.23 Bbtu in/hr F
Tensile Strength	ASTM C297	65 psi
Shear Strength	Under conditions required in ANSI A118.10-1999	28 day Shear Strength: 95 psi 84 day Shear Strength: 100 psi 100 day Shear Strength: 98 psi
Waterproof	ASTM D4068 / ANSI A118.10-1999	Passed
Capillarity		0
R-Value	75°F (25°) - ASTM C518	4.3hr ft. 2 F/Btu/in (R Value for 1" wedi = 4.3)
Flexural Strength	ASTM C947	627 psi
Robinson Floor Test	ASTM C627	Heavy duty commercial use, passed
Fastener Pull Through	ASTM C473	Wet 131.8 lb./Dry 196.2 lb.
Temperature Limits		-58 / +175° F
Freeze & Thaw	ASTM C666 - 25 Cycles	No disintegration/change
Waterproofness of Assembly	ASTM E331	Passed, wedi Fundo Kit assembly (complete system)
Fungus / Bacteria Resistance	ASTM G21	Passed, No Growth
Accelerated Aging	AC 71 - 25 Cycles	No disintegration
UL 1715	Fire Test of interior Finish Material	Passed, flame spread <10
Linear Variation	ASTM D 1037 (ICC –EG 159)	Passed, less than 0.07%
Surface Burning Characteristics	ASTM E84-16	Classification A: Flame Spread Index (FSI): 20 Smoke Developed Index (SDI): 70
Floor and Trench Drain Compliance	ASME A112.18.2	Passed, Compliant (ICC PMG 1189)

Weight for wedi Building Panels	Width	Length	Thickness	Weight
	3'	5'	1/4"	8.07 lb.
	3'	5'	1/2"	8.67 lb.

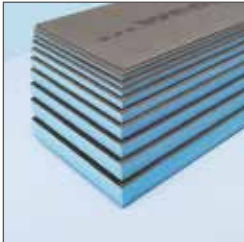
Approvals & Certificates				
	City of New York, MEA 912-52-SM	Fundo Shower Systems & Building Panels: ICC PMG 1189 (for USA and Canada)	Meets all applicable ANSI/ISO Standards	TCNA handbook recognized for wall, floor, countertop, & more applications
	City of Los Angeles Approval	BBA (British Board of Agrément)	DIN EN ISO 9001	CE marked
	Diverse State Approvals			
	SAI Global Watermark Certified (Australia & New Zealand)			

Environmental Consideration
Global Warming Impact Index of 1 (no negative impact) Contains no HBCD or CFC's. Measured is the impact from production of product over use through to disposal of product.

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	2018, 2015, 2012 and 2009 International Plumbing Code® (IPC) 2018, 2015, 2012 and 2009 International Residential Code® (IRC) 2018, 2015, 2012 and 2009 International Building Code® (IBC) 2015, 2012 and 2009 National Standard Plumbing Code® (NSPC) 2015, 2012 and 2009 Uniform Plumbing Code® (UPC)* 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 A 118.10-2014, Load Bearing, Bonded, Waterproof Membranes for Thin-Set Ceramic Tile and Dimension Stone Installations ASME A 112.6.3-2016, Floor and Trench Drains 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). 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. 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 bases are waterproof, pre-sloped, ready-to-tile floor units. The waterproof wedi building panels are engineered as a general purpose backer board and underlayment for tile and consist of a rigid extruded polystyrene foam covered on both sides with a cement-based resin surface and reinforcing mesh for durability and bonding with any type of thinset mortar. The shower floors with linear and point drainage include factory sealed parts integrated into the floor base. Floor and wall system assembly and wedi components for shower installations were proven to be water- proof, water-resistant, and mold resistant when tested in accordance with A 118.10-2014. Shower system may include the following components: shower base, building panels, curbs, niches, seats, benches, ramps, vapor barrier, fasteners, cover plates, sealants, Fundo drains, Subliner sheet waterproofing membrane system with Subliner Bonding Flange drain. The wedi Fundo family line includes the following: Primo, Riolito neo, Riolito neo Modular, Riofino, Discreto, Ligno and Onestep.
Conditions of Listing	1. The wedi Fundo Shower Systems shall be installed in accordance with the manufacturer's published instructions and the applicable code(s). 2. The wedi Fundo Shower Systems are manufactured by wedi GmbH, in Emsdetten, Germany under a quality control program with annual surveillance inspections by ICC-ES.

wedi Building Panel



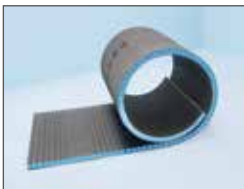
Description	Width × Length × Height	Unit/Palette	Item #
wedi Building Panel	3' × 5' × 1/4" (914 × 1524 × 6 mm)	50 panels = 750 sq. ft.	010718006
wedi Building Panel	3' × 5' × 1/2" (914 × 1524 × 12.7 mm)	50 panels = 750 sq. ft.	010717064
wedi Building Panel	2' × 4' × 1/8" (600 × 1200 × 4 mm)	136 panels = 1,088 sq. ft.	010000004
wedi Building Panel	3' × 5' × 5/8" (914 × 1524 × 15.8 mm)	50 panels = 750 sq. ft.	010716316
wedi Building Panel	2' × 8' × 1" (600 × 2500 × 25.4 mm)	56 panels = 896 sq. ft.	010719325
wedi Building Panel	2' × 8' × 3/4" (600 × 2500 × 20 mm)	50 panels = 800 sq. ft.	010000020
wedi Building Panel	2' × 8' × 1 1/4" (600 × 2500 × 30 mm)	36 panels = 576 sq. ft.	010000030
wedi Building Panel	2' × 8' × 1 1/2" (600 × 2500 × 40 mm)	36 panels = 576 sq. ft.	010000040
wedi Building Panel	2' × 8' × 2" (600 × 2500 × 50 mm)	24 panels = 384 sq. ft.	010000050
wedi Building Panel	2' × 8' × 3 1/15" 600 × 2500 × 80 mm	12 panels = 192 sq. ft.	010710080 (special order only)
wedi Building Panel	2' × 8' × 3 9/10" 600 × 2500 × 100 mm	20 panels = 320 sq. ft.	010710199 (special order only)

wedi Building Panel XL & XXL




Description	Width × Length × Height	Unit/Palette	Item #
wedi Building Panel XL	3' × 8' × 1/2" (900 × 2500 × 12.5 mm)	26 panels = 624 sq. ft.	010000912
wedi Building Panel XXL	4' × 8' × 1/2" (1200 × 2600 × 12.5 mm)	26 panels = 858 sq. ft.	010001612
wedi Building Panel XXL	4' × 8' × 2" (1200 × 2500 × 50 mm)	12 panels = 396 sq. ft.	010001250

wedi Building Panels for Curved Designs | Precut to Bend





Description	Width × Length × Height	Unit	Item #
BA Construct (widthwise cut, precut to bend)	2' × 8' × 1 1/4" (600 × 2500 × 30 mm)	1 pc	010708030
BA Construct (lengthwise cut, precut to bend)	2' × 8' × 1 1/4" (600 × 2500 × 30 mm)	1 pc	010709030



wedi Fastener Kit

	Description	Length	Unit	Item #
	wedi Fastener Kit	100 wedi Coarse Thread Screws 1 5/8" 100 wedi Tab Steel Washers	1 pc	US5000070

wedi Accessories | Coarse Thread Screws, Ceramic Coating


	Description	Length	Unit/Box	Item #
	Coarse thread screws, ceramic coating, for wood and metal studs 20 gauge and lighter	1 5/8" (41.5 mm)	100 pcs	US5000016
	Coarse thread screws, ceramic coating, for wood and metal studs 20 gauge and lighter, for Canadian markets only	1 5/8" (41.5 mm)	100 pcs	US5000017
	Coarse thread screws, ceramic coating, for wood and metal studs 20 gauge and lighter	1 5/8" (41.5 mm)	1000 pcs	US5000012
	Coarse thread screws, zinc coating, for wood and metal studs 20 gauge and lighter	3 1/2" (88.9 mm)	100 pcs	US5000050

wedi Accessories | Tab Steel Washers, Galvanized


	Description	Diameter	Unit/Box	Item #
	Tab Steel Washers, Galvanized	1 1/4" (32 mm)	100 pcs	US5000014
	Tab Steel Washers, Galvanized	1 1/4" (32 mm)	1000 pcs	US5000009
	Washer, without tabs for flooring, Galvanized	1 1/4" (32 mm)	100 pcs	US5000015


i Tabbed washers provide four tabs for fast and secure placement. wedi Washers provide a solid gauge according to ISO standards and less potential for deformation. Load capabilities are independently tested.

wedi Accessories | Vapor Barrier


	Description	Unit	Item #
	wedi Vapor Barrier	1 container	US5000051
i For use in wedi steam rooms over inside surfaces (except floors) prior to tiling. Coverage per one unit appr. 25 sq.ft. with two coats as recommended.			

wedi Accessories | Meshtape, Self-adhesive



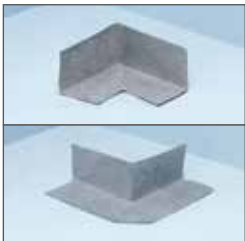
Description	Width × Roll Length	Unit/Box	Item #
Meshtape, self-adhesive	5" × 82' (125 mm × 25 m)	1 roll	095225053
Meshtape, self-adhesive	24" × 164' (600 mm × 50 m)	1 roll	095215052
 The mesh tape is alkali resistant.			

wedi Accessories | Waterproof Sealing Tape, Fleece Laminated



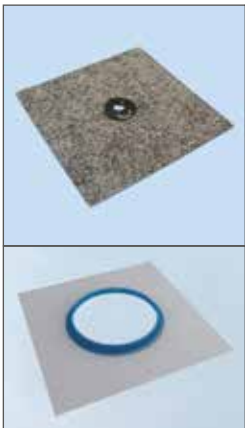
Description	Width × Roll Length	Unit/Box	Item #
Waterproof sealing tape, fleece laminated	5" × 32.8' (127 mm × 10 m)	1 roll	US5000002

wedi Accessories | Corner Sealing Tape, Fleece Laminated





Description	Dimensions	Unit	Item #
Waterproof inside corner sealing tape, fleece laminated	4 3/4" × 4 3/4" × 2 1/4" (120 × 120 × 57 mm)	2 pcs	US5000007
Waterproof outside corner sealing tape, fleece laminated	4 1/2" × 4 1/2" × 2 1/4" (115 × 115 × 57 mm)	2 pcs	US5000008

wedi Sealing Collars





Description	Dimensions	Unit	Item #
Waterproof Sealing Collar for 1/2" to 3/4" plumbing pipes and protrusions	4 3/4" × 4 3/4" (120 × 120 mm)	1 pc	US5000033
Mixing Valve Flexi Collar	Diameter 5" (127 mm)	1 pc	US5000000


wedi Joint Sealant | MS Polymer Sealant and Adhesive

	Description	Contents	Unit	Item #
	wedi Joint Sealant, MS polymer sealant	10 oz. (310 ml)	1 Cartridge	US5000013
	wedi Joint Sealant, MS polymer sealant	20 oz. (591 ml)	1 Sausage	US5000010
	! Permanently flexible, waterproof sealant and adhesive for joint treatment.			

wedi Sausage Gun | Gun for MS Polymer Sealant Sausages and Replacement Tips

	Description	Unit	Item #
	wedi Sausage Gun, gun for wedi joint MS polymer sealant sausages	1 piece	US5000019
	wedi Sausage Gun Replacement Tip	per piece	US5000020

wedi Tools | Corner Putty Knife

	Description	Unit/Bag	Item #
	wedi tools, corner putty knife for wedi shower system installations	1 pc	US5000044
i Use to smooth out wedi Joint Sealant applications.			



Shown here is one of our optional drain cover designs. Further models are shown on page 88.

Waterproof Shower System Solutions

wedi Fundo

wedi Waterproof Shower Systems offer reliable, cost-efficient solutions for constructing 100 % waterproof and mold proof showers. These systems are easy to install and open up a whole new world of design possibilities for showers, wet areas and baths. wedi shower systems blend the traditional values of design flexibility and robustness while offering the added benefits that come with state of the art material and manufacturing technologies.

Used in combination with wedi Building Panels on walls, our shower bases offer an excellent alternative to traditional installation methods. The modular system character is defined through an interlocking system and installation methodology using wedi's „Z-Notch connections“. These are channels in at the perimeter of wedi shower bases into which wedi building panels and other components lock and seal. These channels are minimum 1/2" wide and a minimum of 3/8" deep, but may otherwise be modified to fit field conditions and accommodate a tight fit between parts and wedi joint sealant in between. No more presloping, pan liner cracks or membrane pin holes, clogged drain weepholes and mold growth. Plus, reduce the traditional installation time and down times for a full shower floor preparation for tiling from 2 – 3 days to now 30 minutes. Fundo is available as point drain, linear drain or special floor level shower systems. Once installed it is a tough floor element with no sponginess which is known to be a characteristic to many foams and especially EPS or expanded polystyrene foams. On wedi: put up a ladder, walk on it, work on it. You may also drop a tool without inflicting irreparable damage.



wedi Fundo Primo

The wedi Fundo Primo Shower System features a square drain cover point drainage solution for fast and safe renovation and new construction installations. Primo is internally waterproof due to its wedi XPS foam's closed cell structure and naturally protect against mold or mildew like every wedi XPS foam based product. It is fast and clean to cut to fit custom designs while the level of prefabrication reduces installation time significantly. The shower floor units feature a strong and pre-sloped surface which can be tiled over immediately whether you choose mosaic size or large format tile. Drain unit and drain cover set is always included with each Primo shower floor unit while further optional drain cover designs are available. Pre-sloped extension panels are available so that virtually no limit exists for making any size or shape for custom shower designs happen.

The added values offered by Fundo Primo come in the form of many more performance advantages. Naturally, Fundo Primo is insulating keeping surfaces warmer. Especially when compared to traditional mortar bed installations or other currently known methods for building showers such as those including use of sheet – or liquid waterproofing membranes used in an attempt to manage water exposure – wedi Fundo Primo's simplicity and high performance shows. The installation combines many manual and separate installation steps and materials usually needed into very few. Fundo Primo adds speed, safety and consistency to your installation: Measure, possibly cut, thinset to subfloor, connect drain – done. The most unique advantage, however, is the complete and natural core waterproofness of the wedi product and its completeness and range of components that will form an entire assembly system with Fundo Primo engineered to fit and last. A true system with full warranty coverage.

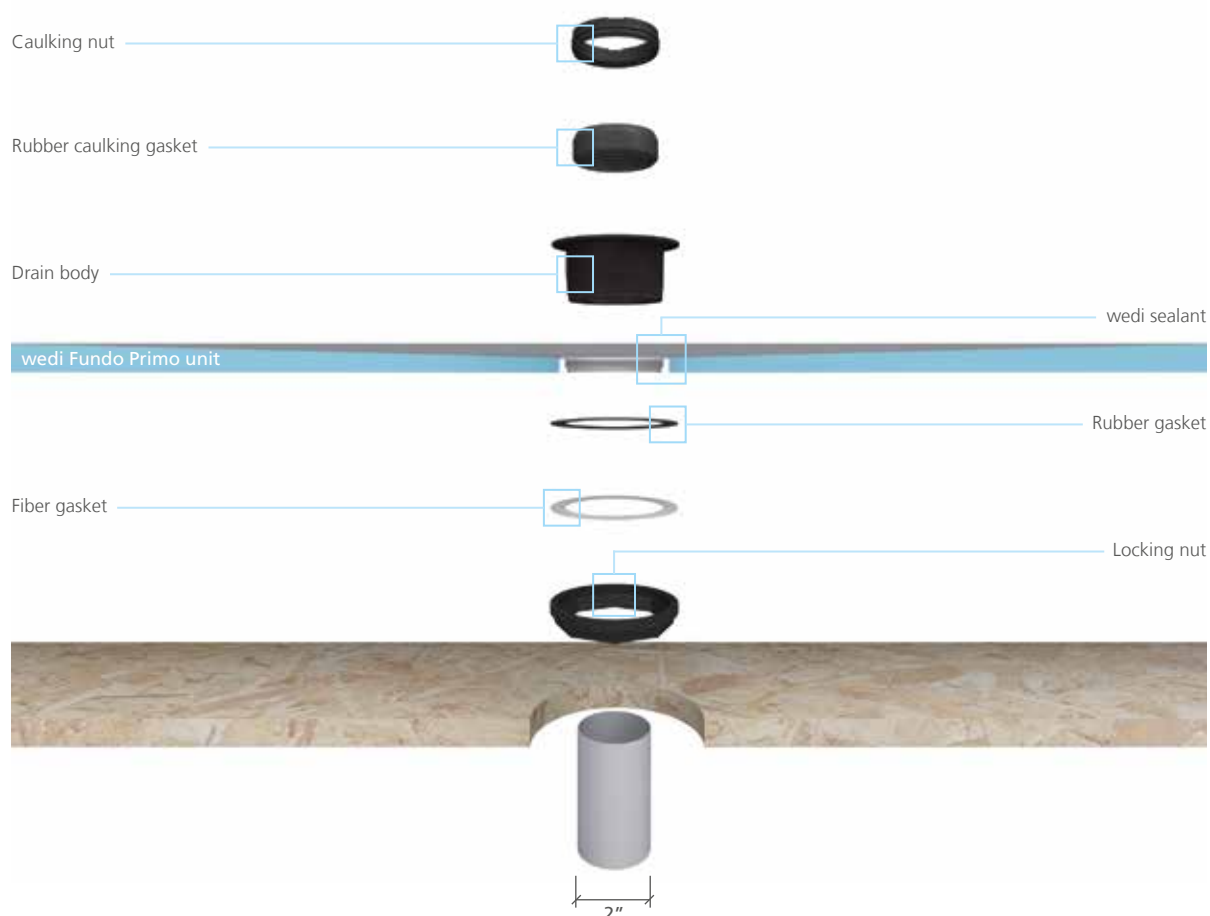
Product Information

These added values and its detail perfections eliminate the technical concerns in shower installations. But this is not where wedi shower systems stop offering its added values: The wedi Fundo shower system adds to your productivity and enables you to provide real value to your customers: Our wedi Fundo Shower systems reduce the installation time for just the shower floor from a 2–3 day process (includes drying times) to only 30 minutes when compared to traditional methods built with pre slope, vinyl liner and final mortar bed. wedi helps you to turn showers into service quicker, cleaner, safer. Especially for our contractors, Fundo Primo helps to get to setting tile faster and on a much more consistent and tile friendly surface. Customers will appreciate the „no noise and no dirt and dust“ installation. The wedi products do not contain harmful ingredients providing peace of mind to contractors and end users.

Note for Installation

Optionally a glue drain can be obtained from wedi. For a cement glue connection, the floor pipe must be cut 2 1/4 inches below the surface of the subfloor. Optionally a brass drain can be obtained from wedi. The installation proceeds as shown for the standard ABS drain provided with each Fundo Primo base.

Drain to Base Assembly



! Several Fundo Primo models naturally feature different perimeter height or thickness at the edge. Therefore, pre-made standard notch connections of wedi curbs must be modified in the field for a tight fit to the bases. Ramps and Extension panels can naturally not fit to all models and might be modified in the field as well.



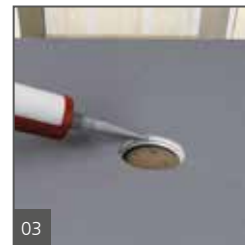
wedi Fundo Primo Installation*

Before Installation:

- Have extra 2 × 4 blocking installed over bottom plate between studs along to support wedi building panel to shower base transition area.
- Subfloor is stable, even and load-bearing, and meets deflection criteria of maximum L/360 and requirements as per IRC. Wooden or concrete structural substrates are dry and sufficiently load-bearing considering live and dead load. Wood and Steel framing is sufficiently load-bearing, plum and square.
- Floor drain assembly below floor is stabilized, fixed and supported in position, and will not sink under water load.
- Only wedi products (Building Panels, Curb, Joint Sealant and Fasteners) are used for wedi Fundo Shower System assembly.
- Installer has received instructions from wedi technical sales staff or is informed about proper installation methods as described.
- wedi shower bases can be cut to size using a skilsaw. The Z notch channel must be remade and cleaned from sawdust or other possible contamination. It must be at minimum 1/2" wide and 3/8" deep.



Cut the 2" pipe flush (or max. 1/8" above) to the floor construction. Make sure that the cut out fits to the Fundo panel drain. Cut out a 5 inch diameter hole around the 2 inch pipe to allow for the wedi drain to be inserted into the subfloor while the cut out area must remain free of deflection. The drain and trap have to be sturdily fastened to the sub floor. Assemble the drain unit following the instruction drawing.



Set up a continuous 1/4" bead of wedi sealant along the top side of the wedi Fundos' valve groove profile.



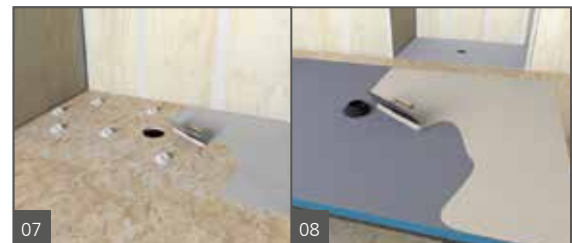
Drop the drain body firmly into the sealant.



Turn the Fundo base upside down and apply the rubber and the fiber gasket.



Tighten the gaskets firmly to the bases' steel ring using the locking nut. Make sure the drain body is still safely received in the valve-bead of sealant.



Skim coat the thinset ANSI 118.4 and comb through with a 1/4" × 1/4" notched trowel. Channels pointing to the entrance. Trowel the thinset on the rear side of the Fundo again using a 1/4" × 1/4" notched trowel. There are different ways to ensure good bond of the wedi base to the subfloor. Required is a setting bed thickness of min. 3/16" and max. of 5/16" (compressed). Applying thinset on both, wedi base and subfloor, is a best practice recommended to achieve full surface coverage adhesion.

* Installations in Australia & New Zealand: Please refer to Installation manuals featuring the applicable job site requirements and wedi drains.



Press the Fundo firmly into the thinset bed, ensuring that the installation is level and void free. Apply some weight equally and for at least 30 minutes (thinset bags or tile boxes).



Set up the rubber caulking gasket (with the bevelled side up) around the 2" pipe in the subfloor. The rubber gasket must be flush with the upper end of the 2" ABS or PVC pipe.

Do Not use any Lubricants.



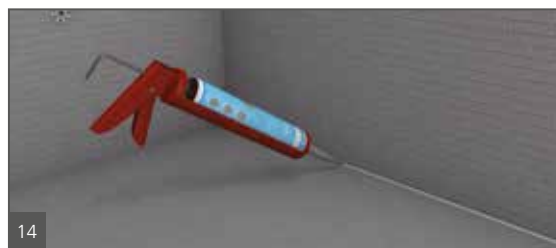
Tighten (squeeze) the rubber caulking gasket firmly with the caulking nut (use a flat headed screwdriver) and finally insert the plastic frame and strainer on top (without adhesive). The frame and strainer will be held in a grout joint only once tiling commences.



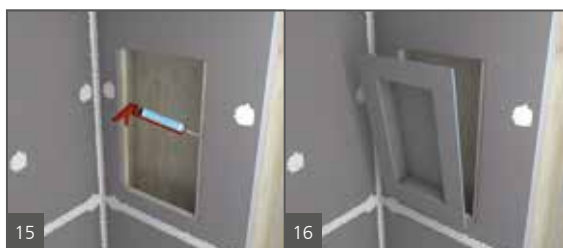
Set up a continuous 1/2" bead of wedi Joint Sealant along the pans channel on the outer perimeter and only in areas where you can immediately install a building panel into the fresh sealant.



Push the wedi panel all the way into the channel of the shower base channel and its bead of sealant. Smooth out any pushed out sealant on inside seam using a putty knife. Fasten the panels directly to the studs starting 1 ft above the base and at a rate of 1 fastener per 1ft. One extra fastener is set into the seam to the next panel to create a flush transition.

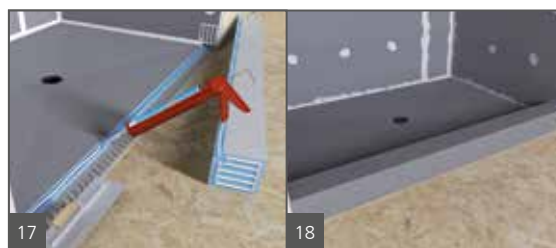


Apply continuous 1/2" beads of sealant between all connections of panels and install with tightly butted seams. Excess sealant must be spread flat with a putty knife. All seams and fastener heads in the assembly are covered with a secondary 1/2" bead of sealant and spread flat. The seams should be covered 1" on either side of seam. All fastener/washers are covered with sealant stretching 1" over the washer edges.



wedi Niches are installed in a cut out in the wedi wall and attached with it's flange right into the center of 16 o.c. studs. wedi Joint Sealant is set along the connection of wall to niche. 2 Fasteners each side of the niche are set to create a flush transition to the wall panels. Another 1/2" bead of wedi Joint Sealant is spread over fasteners and seams.

i For the installation to properly work it is critical to waterproof all penetrations of the wedi product such as shower valves and shower heads using the appropriate sealing gaskets for the application. The wedi Mixing Valve Flexi Collar and wedi Flexi Collar (for 1/2" – 3/4" shower pipe protrusions) are used for these applications and are part of the wedi System complete warranty.



A continuous 1/2" bead of sealant is set into the channel and along the vertical curb notch part. A circle of 1/2" sealant bead is set against the wall panels (and) or the curb sides where the curb attaches. A 1/2" x 1/2" bed of thinset mortar is applied to the subfloor and a skim coat on the bottom surface of the curb as a best practice. The tightly fitting curb is pressed into the connection area. Weight is applied on and against the curb (from outside) and another 1/2" bead of sealant is applied over all curb seams and spread flat. The seams must be covered 1" either side of a seam.

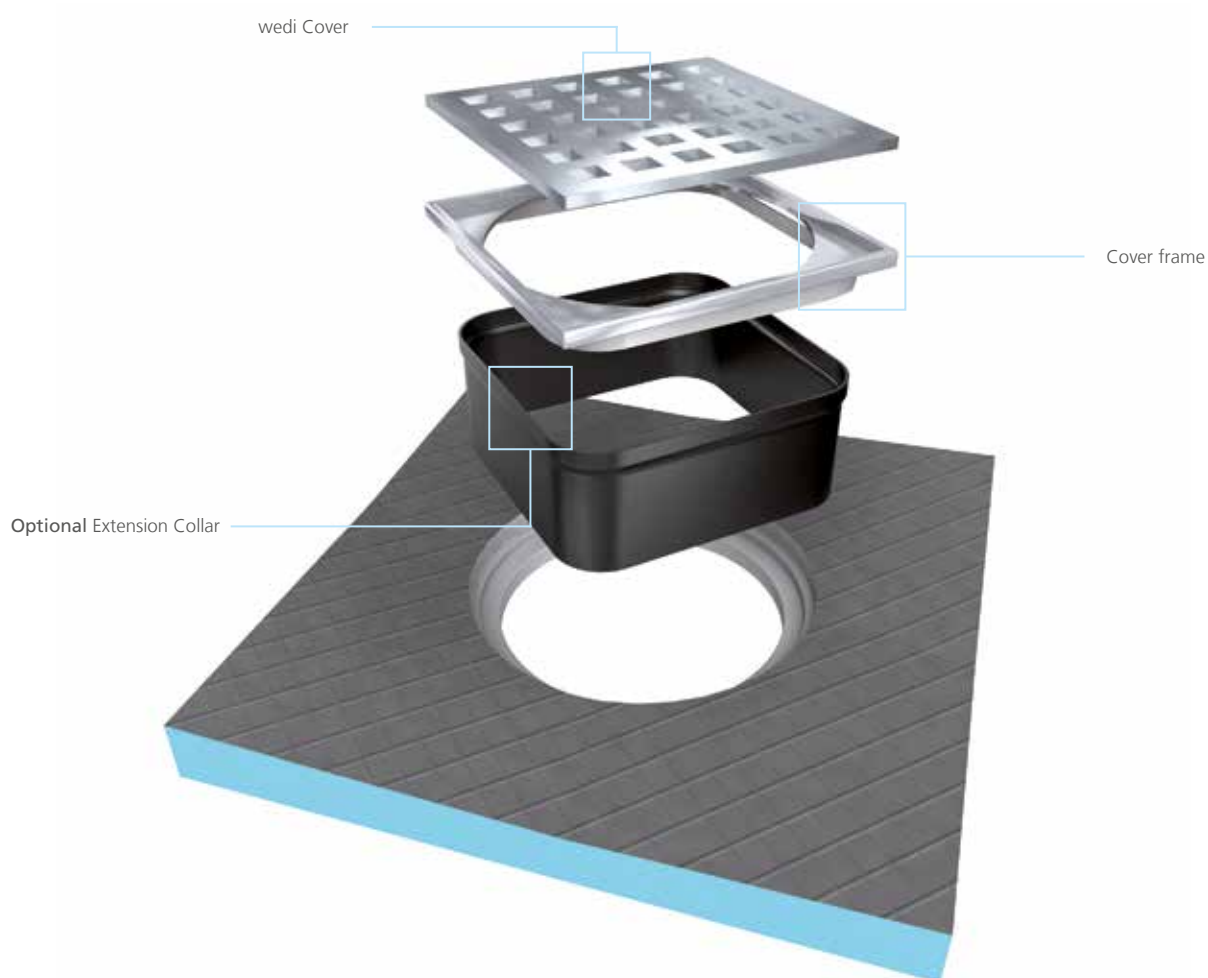
! Curb connection notches must be cut to fit select Primo bases with perimeter thickness higher than 1 1/2".

After Installation

All visible joints or seams in the installation are visibly covered and reinforced with wedi joint sealant applied flat over the seams. Coverage of wedi joint sealant over all seams should be at least 1 inch on either side of the seam. The joint sealant should be no less than 1/16" thick for strength. Do not add mesh tape into the wedi joint sealant. This may only put the waterproof performance at risk and will not strengthen the system's resistance against movement related stresses. Once wedi joint sealant application over all shower system seams has been completed, a water flood test may be performed as early as 2 hours later. No premixed organic mastic adhesives are used with wedi systems when installed in wet areas. Ceramic tile smaller than 2 x 2" square may be adhered using a modified thinset mortar and may be grouted using polymer modified cement based grout. Ceramic tiles smaller 1 x 1" square require adhesion in epoxy thinset mortar and grouting using epoxy grout. Non square tiles must be set accordingly and the shortest side of the tile determines the appropriate setting materials. Pebble Stones may be set and grouted using both, modified cement based thinset mortars and grouts or epoxy thinset mortar and grout, or a combination. Larger format tile > 4 inches square may be used on wedi Fundo. They have to be cut for their grout joints aligning with the wedi shower base slope lines (where slope fields meet).

wedi Drain Cover Assembly / Insertion

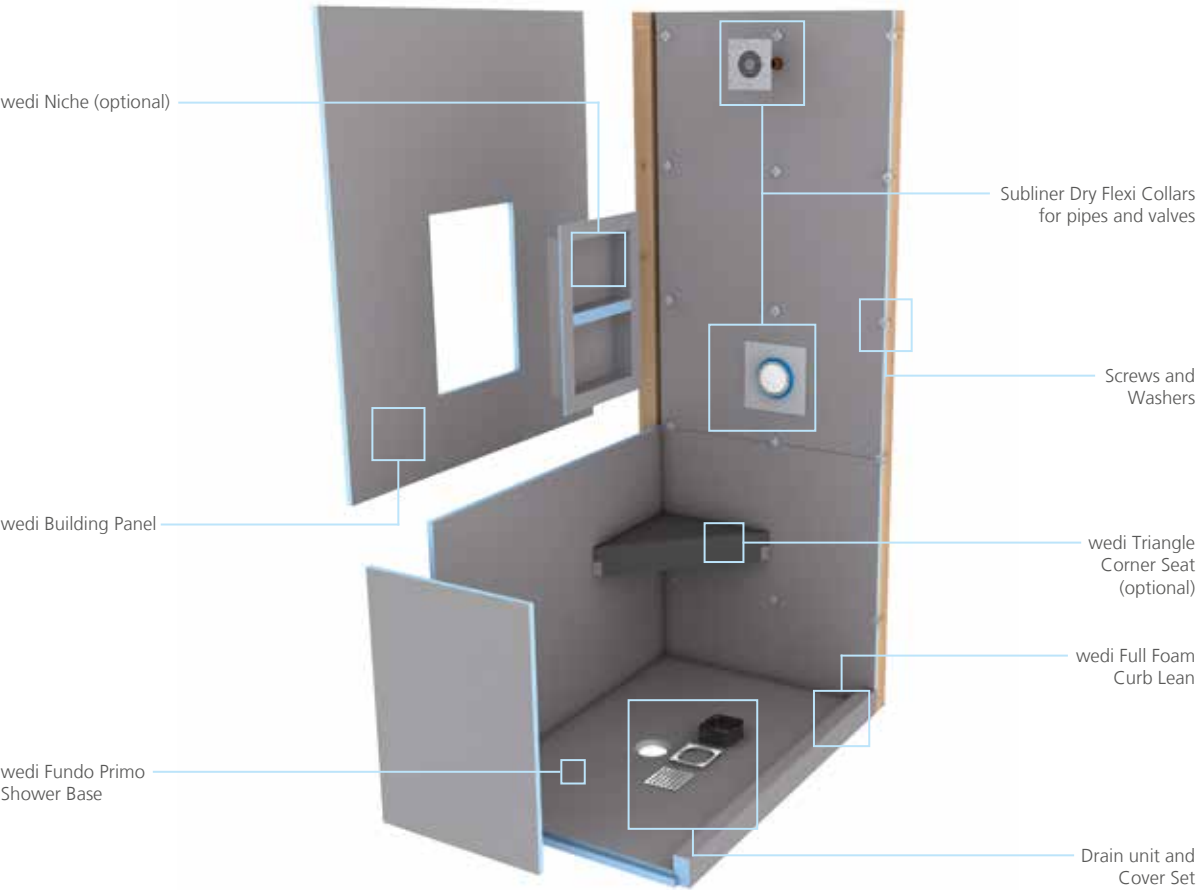
Insert Cover frame into base hole (no glue/no screws). You may caulk between part and tile to create a flexible grout joint. The optional Extension Collar can be cut to height if part is needed. The caulk joint must not create a water barrier damming up the water draining through the thinset bed into the drain from below the tile. Therefore the thinset layer must be continuous toward the drain. Use the black plastic extension collar if you need to raise the wedi frame and cover. Cut extension collar to size and insert below the frame/cover. If not needed, the extension collar may be disposed of as it is not necessary for the functioning of the wedi installation.





Fundo Primo Shower Kit – Full Shower System in a Box

All products needed to build a wedi shower are included and provide a single manufacturer warranty. Safe transportation in one box, easy estimating of product quantities needed.





wedi Fundo Ligno

Homeowners and builders increasingly favor shower spaces which can function without a curb or would not require any build up over existing floor areas resulting in a step up into the shower. One important reason for this trend is: easier and safer access to the shower for older and/ or physically disabled persons. While this trend offers great design and business opportunities it also presents technical challenges which cannot be overcome by many conventional shower installation methods or products. Main challenges are safe recessing of a sloped shower base into an existing structural floor for a flush transition and the extension of waterproofing from shower area into surrounding floor areas no longer protected by a curb keeping water inside the shower area. To address all challenges for tile professionals, wedi engineered Fundo Ligno, a sloped shower base $\frac{3}{4}$ inches thin at its perimeter and available in various sizes. Ligno can be field modified. The installation within a $\frac{3}{4}$ " plywood structure requires no cutting into joists. Load-bearing plywood is simply re-installed between floor joists and over 2×6 blocking then attached to the joists. This guarantees a full support and protection of the tiled surface. The wedi typical strong cement based, reinforced surface is pre-sloped, directly tileable with large or small format tile. Ligno interlocks with wedi Building Panel used as waterproof backer board on walls as well as on the surrounding floor. Optionally, wedi's Subliner Dry Sheet Waterproofing membrane can be used. Both options offer a complete and professional system installation.

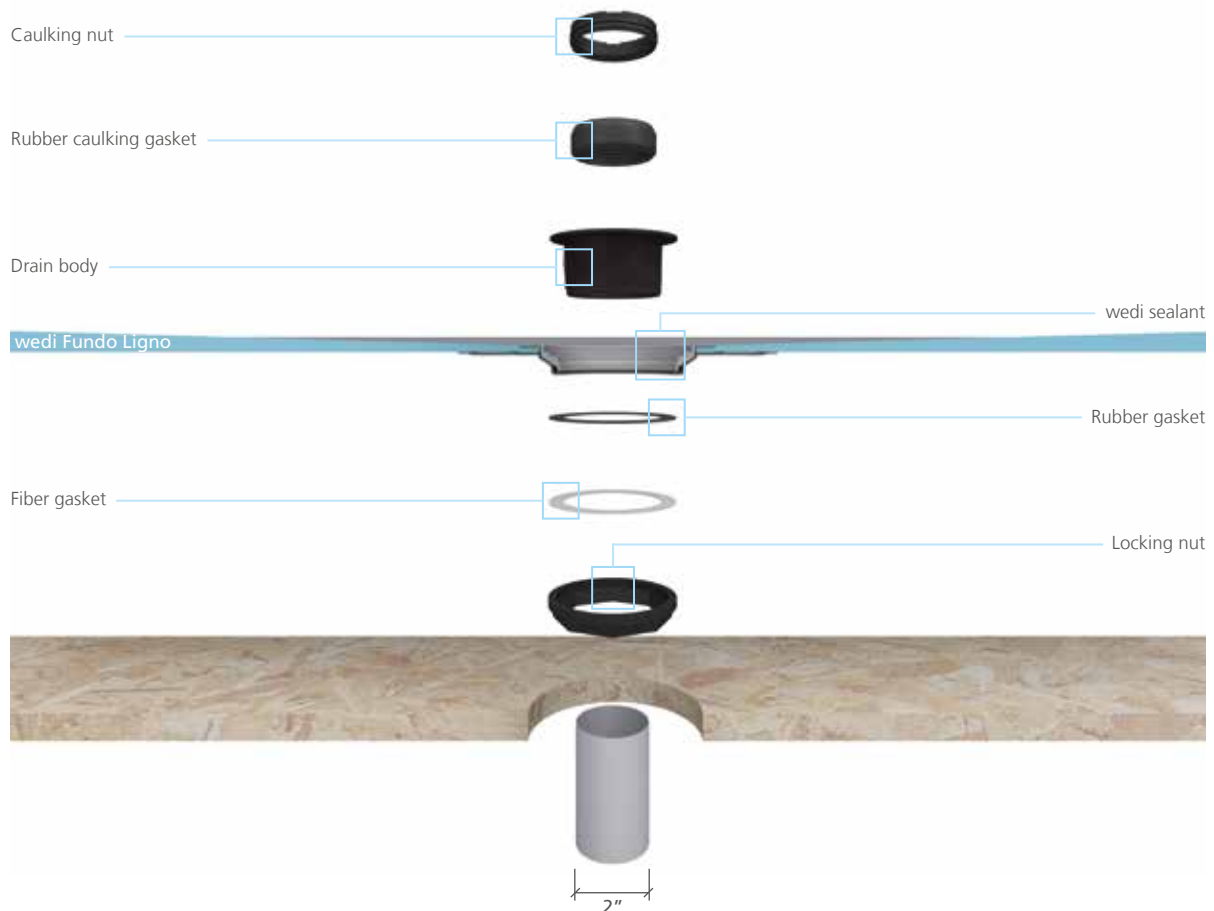
Product Information

wedi Fundo Ligno is designed to provide for a low profile base thickness of only 3/4". This allows for a fast and flush installation into a subfloor assembly without cutting into floor joists. The system is designed to work without a curb. Enjoy the ease of installation without creating a structural hazard because you maintain the structural subfloor panels installed between floor joists under the wedi Fundo Ligno. Because barrier free showers may be exposed to heavy point loads (e.g. wheel chair), you can confidently rely on the structural strength of the wedi base and subfloor as well as the wedi Fundo's traditional strong cement based surface for ideal tile bond using any suitable cement based tile adhesives or grouts. As applied to all wedi Fundo Shower Systems, wedi Fundo Ligno is designed to interlock and work with wedi Building Panels, wedi Joint Sealant, wedi Fasteners, wedi Seats and Benches, wedi Niches and many more accessories, that truly complete your shower installation and waterproofing system. The installation is fast, modular but customizable, and covered by wedi's full system warranty.

Note for Installation

Optionally a glue drain can be obtained from wedi. For a cement glue connection, the floor pipe must be cut 2 7/8 inches below the surface of the subfloor. Optionally a brass drain can be obtained from wedi. The installation proceeds as shown for the standard drain provided with each Fundo base.

Drain to Base Assembly

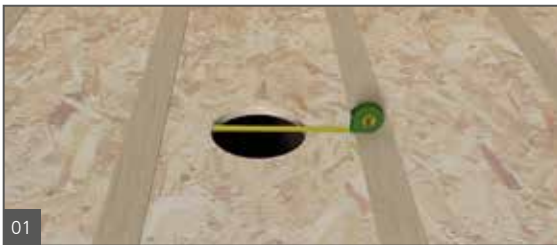




wedi Fundo Ligno Installation*

Before Installation:

- Have extra 2 x 4 blocking installed over bottom plate between studs along to support wedi building panel to shower base transition area.
- After recessing or when system is installed over regular subfloor, subfloor is stable, even and load-bearing, and meets deflection criteria of maximum L/360 and requirements as per IRC. Wooden or concrete structural substrates are dry and sufficiently load-bearing considering live and dead load. Wood and Steel framing is sufficiently load-bearing, plum and square.
- Floor drain assembly below floor is stabilized, fixed and supported in position, and will not sink under water load.
- Only wedi products (Building Panels, Curb, Joint Sealant and Fasteners) are used for wedi Fundo Shower System assembly.
- Installer has received instructions from wedi technical sales staff or is informed about proper installation methods as described.
- wedi shower bases can be cut to size using a skilsaw. The Z notch channel must be remade and cleaned from sawdust or other possible contamination. It must be at minimum 1/2" wide and 3/8" deep.



Cut 3/4" Plywood base out fitting the space of wedi Fundo Ligno. Safely install 2 x 6 blocking along floor joists and in between floor joists where the perimeter of the Ligno base will be located, install 2 x 6 blocking 3/4" below the top of the floor joists. Adjust for thinset thickness under wedi Fundo Ligno base and/or the flooring underlayment installation adjacent to shower area to create a flush transition for waterproofing and tile between floor and shower area. Re-install 3/4" plywood over blocking to have the plywood flush with the floor joists and fill with furring strips on top of floor joists in case the blocking/joist that carry the plywood under wedi base is installed higher than 3/4" deep from top of floor joists. Make sure the entire perimeter of the wedi Fundo Ligno base is supported by floor joists or adequate blocking. Make sure the plywood base shows no seams where close to the cut out for the wedi Fundo Ligno drain. The cutout around the center of the 2" floor pipe must be 6 1/2" (max 7") in diameter to allow drain recess and must not create any subfloor deflection. The pipe is cut square and even at 5/8" below the recessed subfloor top surface.



Assemble the drain unit following the instruction drawing.



Set up a continuous 1/4" bead of wedi Joint Sealant along the top side of the wedi Fundos' valve groove profile.

* Installations in Australia & New Zealand: Please refer to Installation manuals featuring the applicable job site requirements and wedi drains.



Drop the drain body firmly into the sealant.



Turn the Fundo base upside down and apply the rubber and the fiber gasket.



Tighten the gaskets firmly to the bases' steel ring using the locking nut. Make sure the drain body is still safely received in the valve-bead of sealant.



Skim coat the thinset ANSI 118.4 and comb through with a 1/4" x 1/4" notched trowel channels pointing to the entrance.



Trowel the thinset on the rear side of the Fundo again using a 1/4" x 1/4" notched trowel. There are different ways to ensure good bond of the wedi base to the subfloor. Required is a setting bed thickness of min. 3/16" and max. of 5/16" (compressed). Applying thinset on both, wedi base and subfloor, is a best practice recommended to achieve full surface coverage adhesion. Press the wedi Fundo Ligno firmly into the thinset bed, ensuring that the installation is level and void free. Apply some weight equally and for at least 30 minutes (thinset bags).



Set up the rubber caulking gasket (with the bevelled side up) around the 2" pipe in the subfloor. The rubber gasket must be flush with the upper end of the 2" ABS or PVC pipe.

Do Not use any Lubricants.



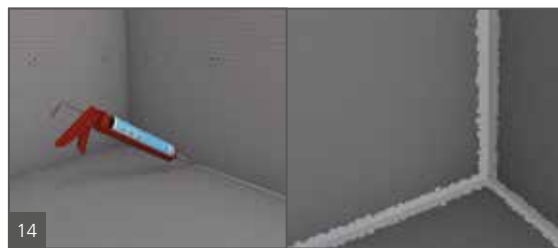
Tighten (squeeze) the rubber caulking gasket firmly with the caulking nut (use a flat headed screwdriver) and finally insert the plastic frame and strainer on top (without adhesive). The frame and drain cover will be held in a grout joint only once tiling commences.



Set up a continuous 1/2" bead of wedi Joint Sealant along the pans channel on the outer perimeter and only in areas where you can immediately install a building panel into the fresh sealant.



Push the wedi panel all the way into the channel of the shower base channel and its bead of sealant. Smooth out any pushed out sealant on inside seam using a putty knife. Fasten the panels directly to the studs starting 1 ft above the base and at a rate of 1 fastener per 1ft. One extra fastener is set into the seam to the next panel to create a flush transition.



Apply continuous 1/2" beads of sealant between all connections of panels and install with tightly butted seams. Excess sealant must be spread flat with a putty knife. All seams and fastener heads in the assembly are covered with a secondary 1/2" bead of sealant and spread flat. The seams should be covered 1" on either side of seam. All fastener/washers are covered with sealant stretching 1" over the washer edges.

i For the installation to properly work it is critical to waterproof all penetrations of the wedi product such as shower valves and shower heads using the appropriate sealing gaskets for the application. The wedi Mixing Valve Flexi Collar and wedi Flexi Collar (for 1/2" – 3/4" shower pipe protrusions) are used for these applications and are part of the wedi System complete warranty.



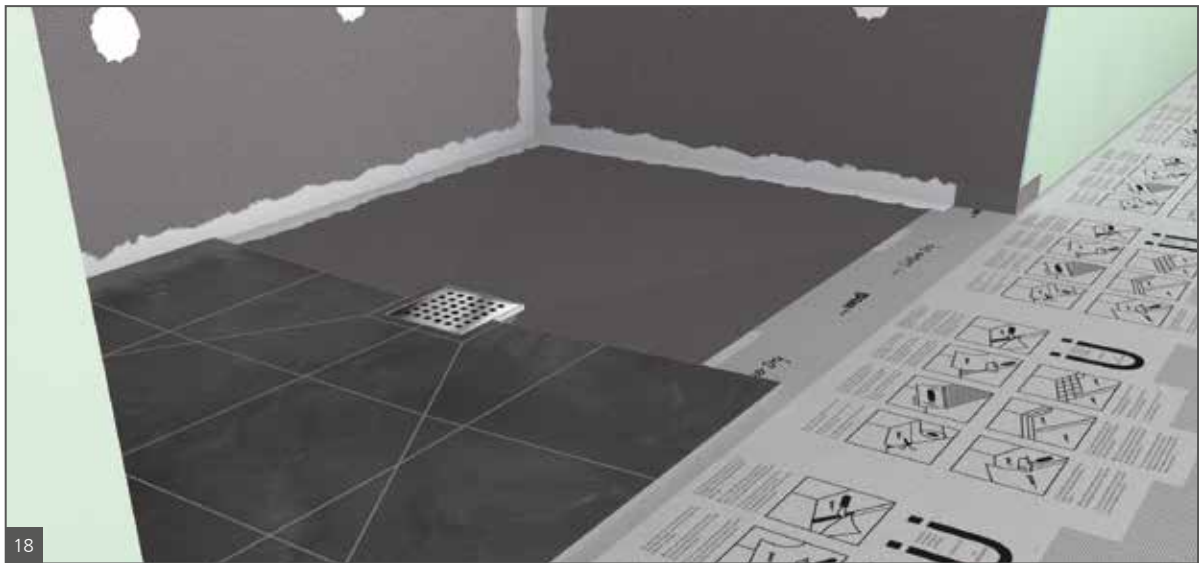
wedi Niches are installed in a cut out in the wedi wall and attached with it's flange right into the center of 16 o.c. studs. wedi Joint Sealant is set along the connection of wall to niche.



2 Fasteners each side of the niche are set to create a flush transition to the wall panels. Another 1/2" bead of wedi Joint Sealant is spread over fasteners and seams.



Apply thinset mortar over wood subfloor and reaching 4" into the wedi Fundo Ligno shower base. Fill the wedi Fundo Ligno channel with thinset or a strip of sealed on wedi Building Panel and apply thinset mortar to the lower corner of the wedi wall panels left and right of any entrance using 1/4" x 1/4" notch trowel.



Apply a modified thinset (ANSI 118.4 or equivalent) across the wood or cement board floor surface and now apply wedi Subliner Dry Sheet waterproofing membrane overlapping into the Ligno base for 4 inches. Apply wedi's prefabricated outside or inside sealing tape corners and sealing tape or Subliner Dry folds as a flashing to the wedi wall panels/ Ligno and Subliner dry sheets as applicable. Install this waterproofing system over the floor substrate outside the shower. All areas subject to water splashes and spray must be waterproofed. wedi recommends to waterproof the entire bathroom floor (including a flashing up into the wall at least to the height of a regular base board or 2" high) in spaces where curbless showers are being installed.

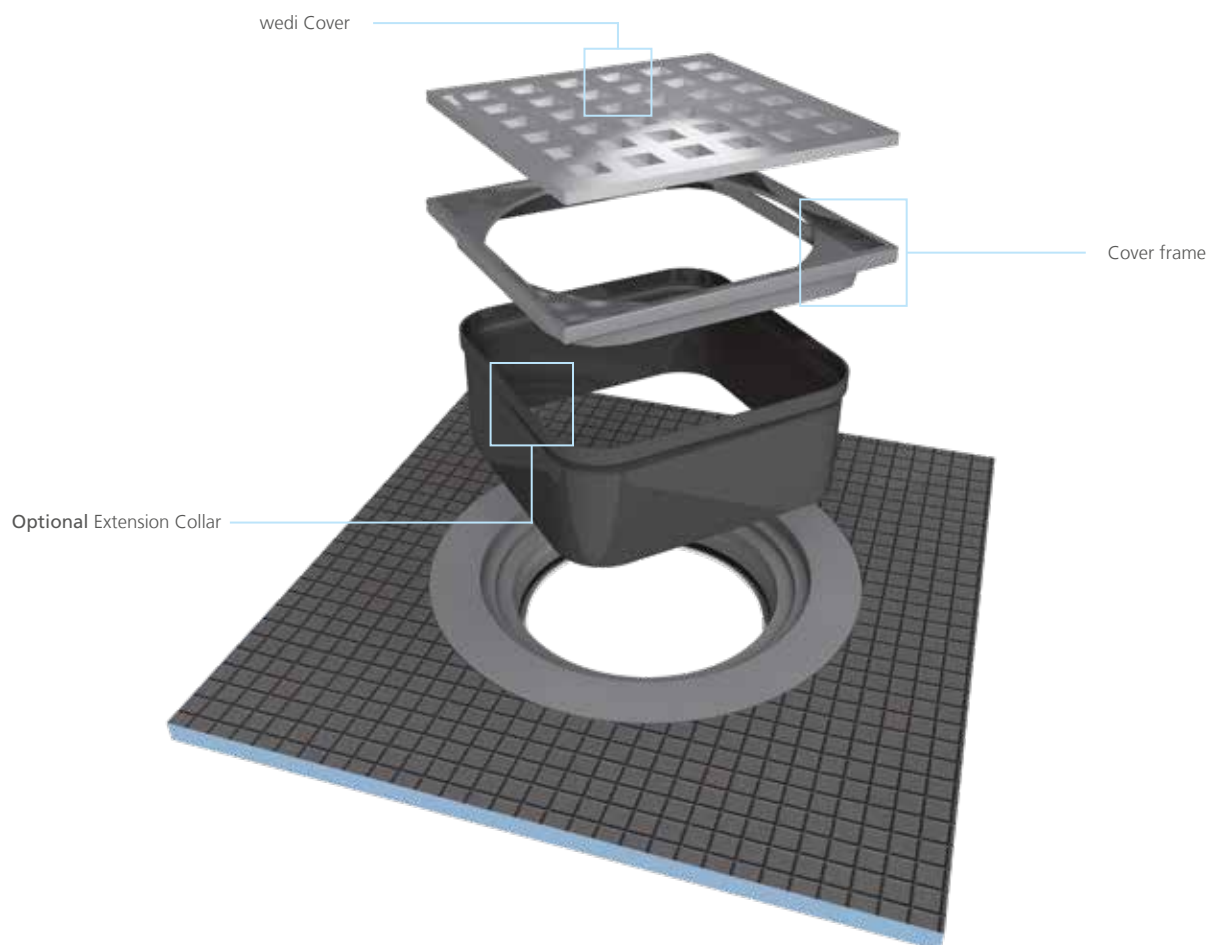
All seams and ends of the Subliner Dry sheets are covered with a 1/2" bead of wedi Joint Sealant and spread flat using a putty knife. Your shower is ready for tile once the thinset mortar has hardened! Alternatively to Subliner Dry sheet membrane system wedi building panels in 1/4" or 1/2" thickness can be used as the floor tile underlayment in lieu of cement board and Subliner waterproofing. wedi Building Panel would be installed over plywood subfloor and overlap and seal into the Ligno channel. In such application the Ligno base must be raised to allow its channel to fully stick out from the recessed area so wedi floor building panels can be interlocked with its channel. All seams to wedi walls or Ligno base are sealed internally with wedi Joint Sealant, and are covered with an external 1/2" bead of wedi Joint Sealant spread flat. Your shower is ready for tiling once thinset under wedi Subliner Dry or wedi Building Panels on floor has cured.

After Installation

All visible joints or seams in the installation are visibly covered and reinforced with wedi joint sealant applied flat over the seams. Coverage of wedi joint sealant over all seams should be at least 1 inch on either side of the seam. The joint sealant should be no less than 1/16" thick for strength. Do not add mesh tape into the wedi joint sealant. This may only put the waterproof performance at risk and will not strengthen the system's resistance against movement related stresses. Once wedi joint sealant application over all shower system seams has been completed, a water flood test may be performed as early as 2 hours later, provided a temporary dam has been built for this curbless shower. No premixed organic mastic adhesives are used with wedi systems when installed in wet areas. Ceramic tile smaller than 2 x 2" square or pebble stones are not used with Fundo Ligno. Tiles in Ligno showers used for wheel chair accessibility require adhesion in epoxy thinset mortar and grouting using epoxy grout. Non square tiles must be set accordingly and the shortest side of the tile determines the appropriate setting materials. Larger format tile > 4 inches square may be used on wedi Fundo but have to be cut. They have to be cut for their grout joints aligning with the wedi shower base slope lines (where slope fields meet).

wedi Drain Cover Assembly / Insertion

Insert Cover frame into base hole (no glue/no screws). You may caulk between part and tile to create a flexible grout joint. Optional Extension Collar can be cut to height if part is needed. The caulk joint must not create a water barrier damming up the water draining through the thinset bed into the drain from below the tile. Therefore the thinset layer must be continuous toward the drain. Use the black plastic extension collar if you need to raise the wedi frame and cover. Cut extension collar to size and insert below the frame/cover. If not needed, the extension collar may be disposed of as it is not necessary for the functioning of the wedi installation.





wedi OneStep Shower System

- Fundo base with integrated wall and curb
- Passes ANSI Z124.1.2 / National Approval ICC PMG Report 1189
- 6 different sizes with custom options
- Use with wedi Building panels or other types of backer board (most will require added waterproofing)
- Solid, pre-sloped, directly tileable surface
- Can be used with small & large format tile; set with modified thinset
- Square, high quality stainless steel drain cover/frame
- No seam & no leak potential due to installation mistakes
- Easy drain hook up to floor pipes cut flush with subfloor
- Subfloor attachment with only thinset adhesive
- wedi OneStep requires no thick mortar bed underneath unlike common competitive preformed units which require added support
- No more epoxy thinset tiling as with other common prefabricated shower floors

i For more detailed installation steps and information please see wedi TDS on www.wediacorp.com

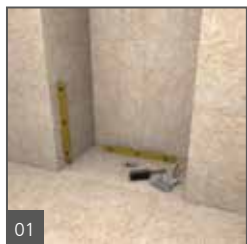




wedi OneStep Installation

Before Installation:

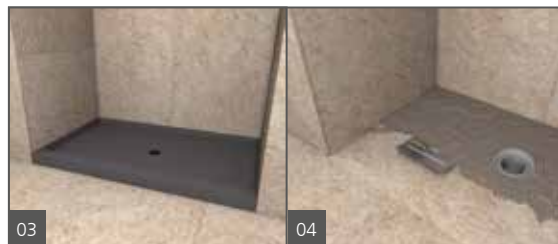
- Subfloor is stable, even and load-bearing, and meets deflection criteria of maximum $L/360$ and requirements as per IRC. Wooden or concrete structural substrates are dry and sufficiently load-bearing considering live and dead load. Wood and Steel framing is sufficiently load-bearing, plum and square.
- Floor drain assembly below floor is stabilized, fixed and supported in position, and will not sink under water load.
- Installer has received instructions from wedi technical sales staff or is informed about proper installation methods as described.



Cut the 2" pipe flush to the surface of the floor construction. Make sure that the cut out fits to the OneStep base drain. Cut out a 5" diameter hole around the 2" pipe to allow the wedi drain to be inserted into the subfloor. The drain and trap have to be sturdily fastened to the sub floor.



Set up a continuous 1/4" bead of wedi sealant along the top side of the wedi OneStep valve groove profile. Drop the drain body firmly into the sealant. Turn the OneStep pan upside down and apply the rubber and the fiber gasket. Tighten the gaskets firmly to the pans steel ring.



Dry fit the base and make sure that floor drain is located in the center of the wedi drain. Make sure the base walls are square and tight with the framework.

Skim coat the thinset ANSI 118.4 and comb through with a 1/4" x 1/4" notched trowel. Channels pointing to the entrance. Trowel the thinset on the rear side of the OneStep again using a 1/4" x 1/4" notched trowel. There are different ways to ensure good bond of the wedi base to the subfloor. Required is a setting bed thickness of min. 3/16" and max. of 5/16" (compressed). Applying thinset on both, wedi base and subfloor, is a best practice recommended to achieve full surface coverage adhesion.



Press the Fundo OneStep firmly into the thinset bed, ensuring that the installation is level and void free. Apply some weight equally and for at least 30 minutes (thinset bags).



Set up the rubber caulking gasket (bevelled side up) around the 2" pipe in the subfloor. The rubber gasket must be flush with the upper end of the 2" ABS or PVC pipe. Tighten the connection using caulking nut, metal guide and screw driver.



You can now install waterproof wedi 1/2" building panels directly to the framework and seal all joints and fastener points as usual and per wedi building panel installation guidelines. (you may install other Backerboards but have to add topical waterproofing/membranes). Your shower is ready for tile!

i Please note important considerations for „After Installation“ and refer to such text in the installation manual for wedi Fundo Primo in this handbook.



wedi Fundo Riolito neo

wedi's pre-sloped shower bases Riolito neo feature fully factory sealed and integrated linear drainage systems. The base itself is naturally waterproof as well as mold proof, due to its closed cell XPS foam core. The Riolito neo bases come with the wedi typical strong and ready for tiling surface coating. All Riolito neo shower bases can be field modified. They can be cut to size or extended using wedi's pre-sloped Fundo extensions.

The integrated drain in Riolito neo ensures your installation is not exposed to the risk commonly associated with bonding flange design/surface waterproofing installation-type, single drain products. The unique wedi Fundo Riolito neo bases allow water to drain away through a narrow gap between their drains cover plate and the tile surface finish. wedi Fundo Riolito neo is always equipped with the drain unit but covers are ordered separately. Options for covers include a polished stainless steel version, a double plated brushed stainless steel version, and a tileable version.

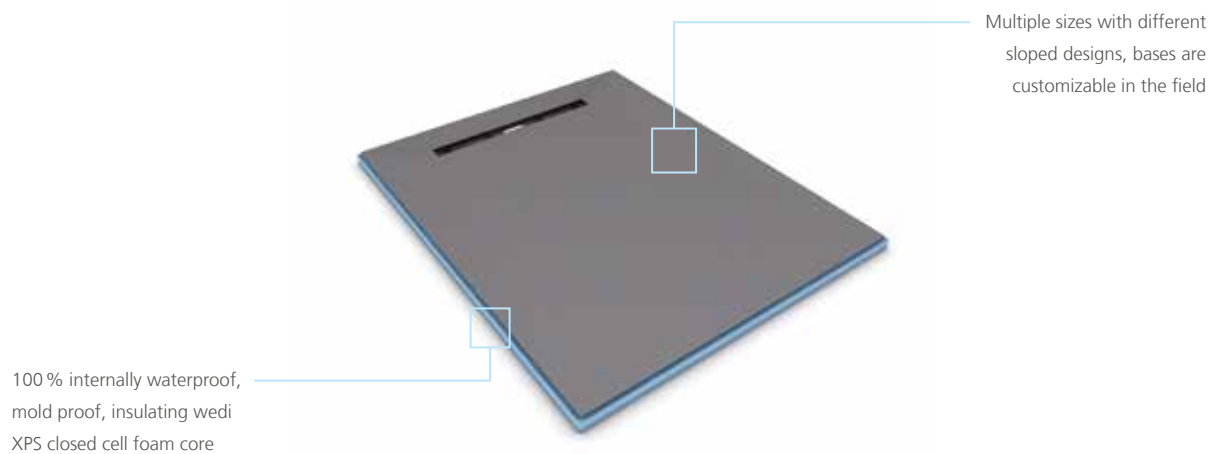
Available in 4-way and 2-way or single slope designs with close to the wall drains, wedi Riolito neo features the industry's only factory sealed drain for use in custom shower configurations. What is more, the Fundo Riolito neo is available in one piece shower base panels or as a modular system offering a separate drain module and an extension module to combine and configure custom layouts even easier.

Product Information

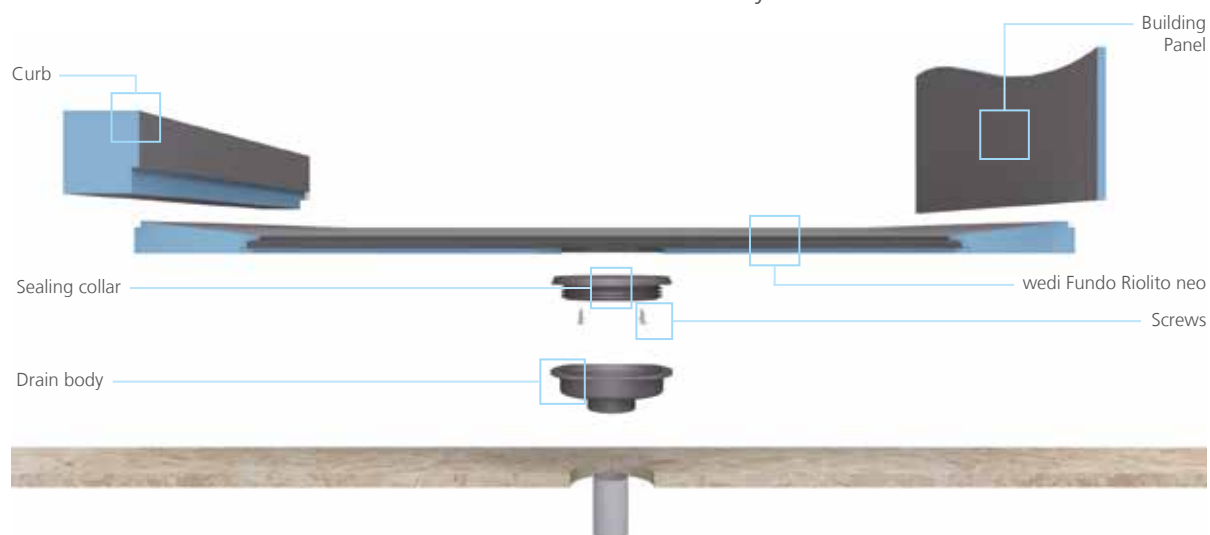
Several models with 4 way slope fields provide for a perfect installation when recessing the base into a subfloor where a flush to the floor entry is required. The second option includes models with a true one way slope towards the linear drain. This latter option is especially designed to accommodate tub to shower conversions without the need to ever move the floor drain pipe.

Linear Drain Shower Floor Solutions

wedi's Fundo Riolito neo linear drain shower bases feature the only fully sealed and factory integrated waterproof drain assembly available in the market of customizable shower floor systems with linear drainage.



Drain to Base Assembly



! Fundo Riolito neo employs different drain and drain cover assembly parts. Please refer to the installation manual in the actual product box. In this section Fundo Riolito neo we are showing the Fundo Riolito neo Drain and Drain Cover parts and assembly.

Several Riolito neo models naturally feature different perimeter height or thickness at the edge. Therefore, pre-made standard notch connections of wedi curbs must be modified in the field for a tight fit to the bases. Ramps and Extension panels can naturally not fit to all models and might be modified in the field as well.



wedi Fundo Riolito neo Installation*

Before Installation:

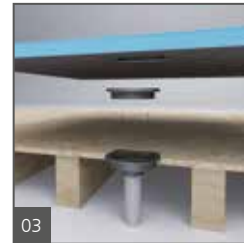
- Have extra 2 × 4 blocking installed over bottom plate between studs along to support wedi building panel to shower base transition area.
- Subfloor is stable, even and load-bearing, and meets deflection criteria of maximum L/360 and requirements as per IRC. Wooden or concrete structural substrates are dry and sufficiently load-bearing considering live and dead load. Wood and Steel framing is sufficiently load-bearing, plum and square.
- Floor drain assembly below floor is stabilized, fixed and supported in position, and will not sink under water load.
- Only wedi products (Building Panels, Curb, Joint Sealant and Fasteners) are used for wedi Fundo Shower System assembly.
- Installer has received instructions from wedi technical sales staff or is informed about proper installation methods as described.
- wedi shower bases can be cut to size using a skilsaw. The Z notch channel must be remade and cleaned from sawdust or other possible contamination. It must be at minimum 1/2" wide and 3/8" deep.



Cut the 2" pipe 1 1/4" below the top of the Subfloor. Use the oval shape cutting template to cut subfloor using a jigsaw to allow wedi drain trap to be inserted and connected to floor pipe using appropriate ABS compatible or multipurpose cement glue. Please also check cement glue compatibility to floor pipe material. The drain and trap have to be secured to the subfloor. Drain recess cut out must not add deflection to subfloor. Please be careful to use the oval cutting template where your shower base has its drain position. While the template features a straight side for easy aligning with a wall, not all Riolito's drains have the same distance to wall framing.



Assemble the drain unit following the instruction drawing. wedi's Riolito neo bases can be cut to size on all sides making drain positions close to the wall possible. Please do not cut into the linear drains plastic flange integrated into the coated foam part of the base. Once cut the 1/2" × 1/2" channels at the new base perimeter must be re-established. When cutting close to the drain channel always leave enough wedi foam for re-making the needed 1/2" × 1/2" channel.



Glue and seal the wedi drain trap to the 2" pipe using appropriate solvent cement glue for the plastics involved. Do not screw drain body/trap to floor. Secure with some dabs of wedi joint sealant under flange instead. Mount the sealing collar to the wedi Riolito neo underside counterpart using a manual phillips screwdriver.



Apply a skim coat and finally a combed through bed of a thinset using modified thinset ANSI 118.4 and 1/4" × 1/4" notch trowel. There are different ways to ensure good bond of the wedi base to the subfloor. Required is a setting bed thickness of min. 3/16" and max. of 5/16" (compressed). Applying thinset on both, wedi base and subfloor, is a best practice recommended to achieve full surface coverage adhesion.

* Installations in Australia & New Zealand: Please refer to Installation manuals featuring the applicable job site requirements and wedi drains.



Trowel the thinset on the rear side of the Fundo again using a $\frac{1}{4}'' \times \frac{1}{4}''$ notch trowel.



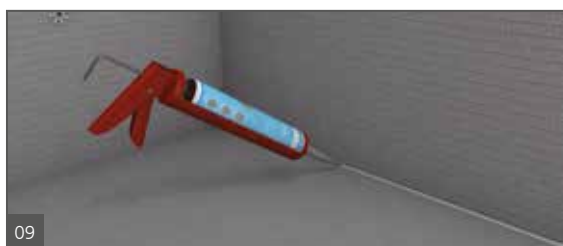
Press the Fundo firmly into the thinset bed, ensuring that the installation is level and void free. Ensure wedi drain's sealing gasket is firmly inserted in the wedi trap with no chance that thinset could have pushed into this connection area. Apply some weight equally and for at least 30 minutes (thinset bags). Do NOT step on the drain module to push /connect to drain body or thinset.



Set up a continuous $\frac{1}{2}''$ bead of wedi Joint Sealant at the perimeter channel and only in areas where you can immediately install a wedi Building Panel into the fresh sealant.



Push the wedi panel all the way into the channel of the shower base channel and its bead of sealant. Smooth out any pushed out sealant on inside seam using a putty knife. Fasten the panels directly to the studs starting 1 ft above the base and at a rate of 1 fastener per 1ft. One extra fastener is set into the seam to the next panel to create a flush transition.



Apply continuous $\frac{1}{2}''$ beads of sealant between all connections of panels and install with tightly butted seams. Excess sealant must be spread flat with a putty knife. All seams and fastener heads in the assembly are covered with a secondary $\frac{1}{2}''$ bead of sealant and spread flat. The seams should be covered $\frac{3}{4}''$ to 1" on either side of seam. All fastener/washers are covered with sealant stretching 1" over the washer edges.



wedi Niches are installed in a cut out in the wedi wall and attached with its flange right into the center of 16 o.c. studs. wedi sealant is set along the connection of wall to niche.



2 Fasteners each side of the niche are set to create a flush transition to the wall panels. Another $\frac{1}{2}''$ bead of wedi sealant is spread over fasteners and seams.



A continuous $\frac{1}{2}''$ bead of sealant is set into the channel and along the vertical curb notch part. A circle of $\frac{1}{2}''$ sealant bead is set against the wall panels (and) or the curb sides where the curb attaches. A $\frac{1}{2}'' \times \frac{1}{2}''$ bed of thinset mortar is applied to the subfloor and just a skimcoat on the foam bottom part of the curb as a best practice. The tightly cut to fit curb is pressed into the connection. Weight is applied on and against the curb (from outside) and another $\frac{1}{2}''$ bead of sealant is applied over all curb seams and spread flat. The seams must be covered $\frac{3}{4}''$ to 1" either side of a seam.

! Curb connection notches must be cut to fit select Riolito neo bases with perimeter thickness higher than 1 $\frac{1}{2}''$.

i For the installation to properly work it is critical to waterproof all penetrations of the wedi product such as shower valves and shower heads using the appropriate sealing gaskets for the application. The wedi Mixing Valve Flexi Collar and wedi Flexi Collar (for $\frac{1}{2}'' - \frac{3}{4}''$ shower pipe protrusions) are used for these applications and are part of the wedi System complete warranty.

See important considerations „After Installation“ in wedi Fundo Riolito neo Modular manual on the following pages.

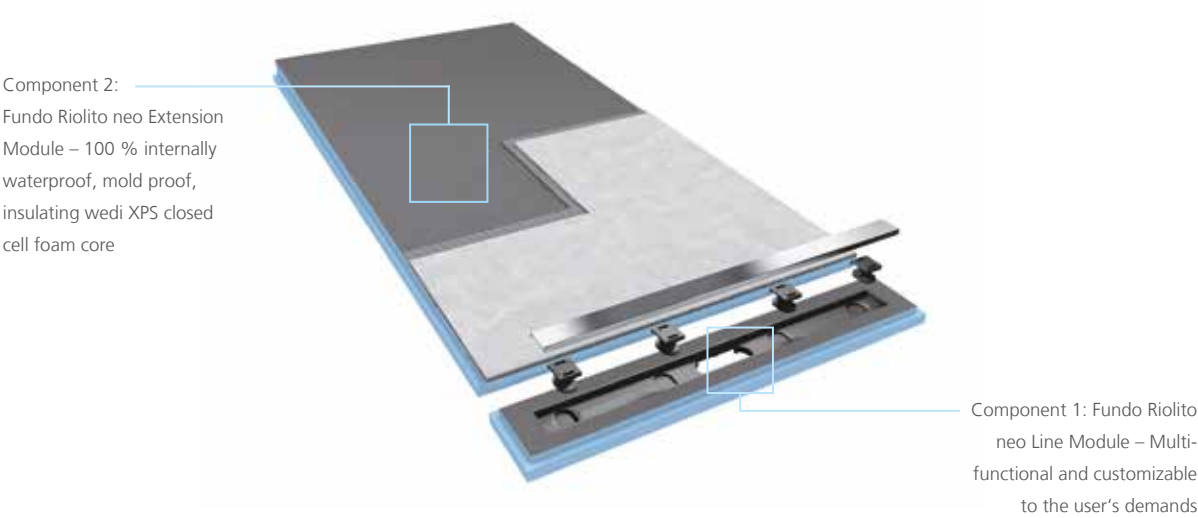


wedi Fundo Riolito neo Modular

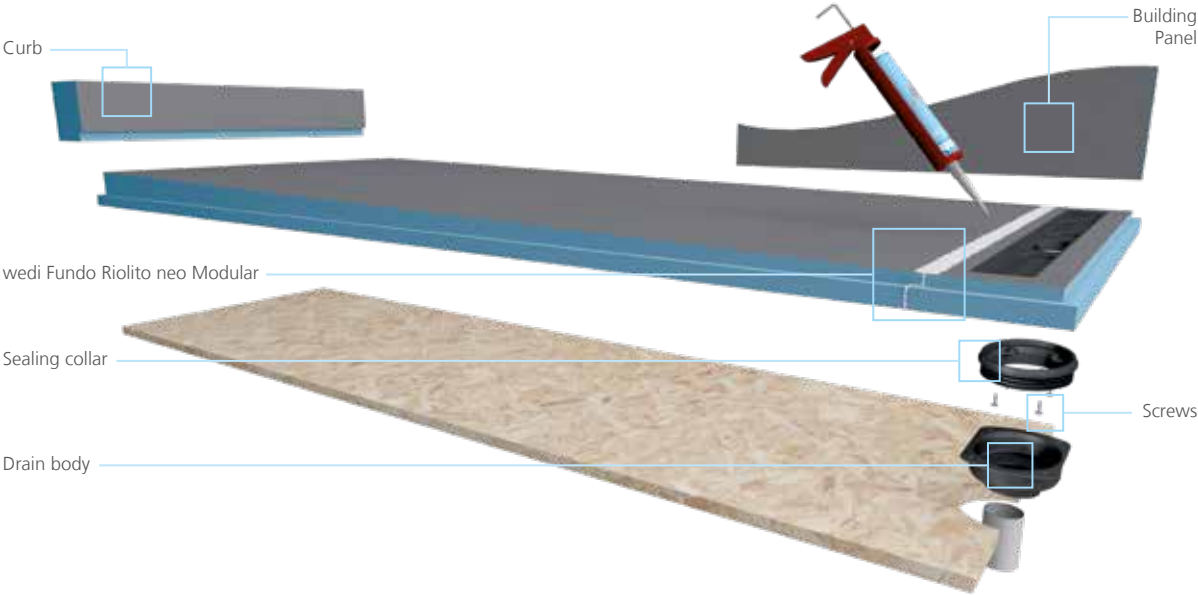
wedi's Fundo Riolito neo System feature the only fully sealed and factory integrated waterproof drain assembly available in the market of customizable shower floor systems with linear drainage.

They are available in two design options. The first option includes models featuring a one-piece shower base including the drain trench. These provide 1-way or 4-way slopes. The second option, Riolito neo Modular is designed to offer more flexibility as it consists of two basic elements: one module including the line module which is a trench drain integrate in a wedi base module, the other being a sloped extension panel. Drainage can be installed close to the wall or two extension models leading away from either side of an i.e. centered drain. The line modules may also be used with mortar bed shower applications (to be topically waterproofed using wedi Subliner Dry, connecting to the Riolito neo line module).

Linear Drain Shower Floor Solutions



Drain to Base Assembly





wedi Fundo Riolito neo Modular Installation*

Before Installation:

- Have extra 2 × 4 blocking installed over bottom plate between studs along to support wedi building panel to shower base transition area.
- Subfloor is stable, even and load-bearing, and meets deflection criteria of maximum L/360 and requirements as per IRC. Wooden or concrete structural substrates are dry and sufficiently load-bearing considering live and dead load. Wood and Steel framing is sufficiently load-bearing, plum and square.
- Floor drain assembly below floor is stabilized, fixed and supported in position, and will not sink under water load.
- Only wedi products (Building Panels, Curb, Joint Sealant and Fasteners) are used for wedi Fundo Shower System assembly.
- Installer has received instructions from wedi technical sales staff or is informed about proper installation methods as described.
- wedi shower bases can be cut to size using a skilsaw. The Z notch channel must be remade and cleaned from sawdust or other possible contamination. It must be at minimum 1/2" wide and 3/8" deep.



Cut the 2" pipe 1 1/4" below the top of the Subfloor. Use the oval shape cutting template to cut subfloor using a jigsaw to allow wedi drain trap to be inserted and connected to floor pipe using appropriate ABS compatible or multipurpose cement glue. Please also check cement glue compatibility to floor pipe material. The drain and trap have to be secured to the subfloor. Drain recess cut out must not add deflection to subfloor. Please be careful to use the oval cutting template where your shower base has its drain position. While the template features a straight side for easy aligning with a wall, not all Riolito's drains have the same distance to wall framing.



Assemble the drain unit following the instruction drawing. wedi's Riolito neo bases can be cut to size on all sides making drain positions close to the wall possible. Please do not cut into the linear drains plastic flange integrated into the coated foam part of the base. Once cut the 1/2" × 1/2" channels at the new base perimeter must be re-established. When cutting close to the drain channel always leave enough wedi foam for re-making the needed 1/2" × 1/2" channel.

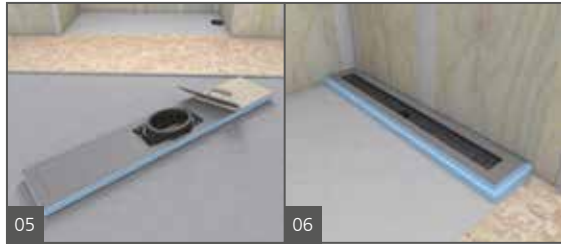


Glue and seal the wedi drain trap to the 2" pipe using appropriate solvent cement glue for the plastics involved. Do not screw drain body/trap to floor. Secure with some dabs of wedi joint sealant under flange instead. Mount the sealing collar to the wedi Riolito neo Modular underside counterpart using a manual phillips screwdriver.

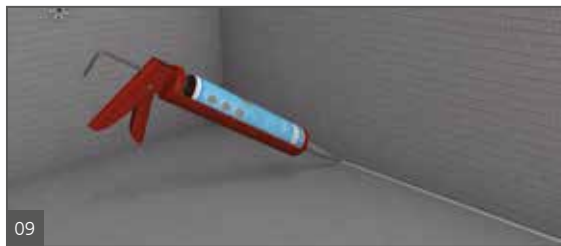


Apply a skim coat and finally a combed through bed of a thinset using modified thinset ANSI 118.4 and 1/4" × 1/4" (6 mm × 6 mm) notch trowel. There are different ways to ensure good bond of the wedi base to the subfloor. Required is a setting bed thickness of min. 3/16" and max. of 5/16" (compressed). Applying thinset on both, wedi base and subfloor, is a best practice recommended to achieve full surface coverage adhesion. wedi recommends to cut and dry fit both floor modules to shower stall size and drain location.

* Installations in Australia & New Zealand: Please refer to Installation manuals featuring the applicable job site requirements and wedi drains.



Trowel the thinset on the rear side of the Fundo Riolito neo Module "Drain" again using a 1/4" x 1/4" (6 mm x 6 mm) notch trowel. Press the Fundo Riolito neo Module "Line Drain" into the thinset so that the sealing gasket moves smoothly into the drain body without contamination through thinset. Make sure the entire wedi cement coated underside of the drain module will have thinset support/coverage. Do NOT step on the drain module to push /connect to drain body or thinset. Apply a 1/2" (13 mm) bead of wedi Joint Sealant to the module's Z notch channel and insert the second module, the "Extension". The Module "Extension", once cut to length, is also installed using thinset mortar and using the same technique as shown under 4. Apply a 1/2" (13 mm) bead of wedi joint sealant over the seam between both modules and spread flat using a putty knife. Apply weights.



Apply continuous 1/2" (13 mm) bead of sealant between all connections of panels and install with tightly butted seams. Excess sealant must be spread flat with a putty knife. All seams and fastener heads in the assembly are covered with a secondary 1/2" (13 mm) bead of sealant and spread flat. The seams should be covered 3/4" to 1" (19 mm to 25 mm) on either side of seam. All fastener/washers are covered with sealant stretching 1" (25 mm) over the washer edges.

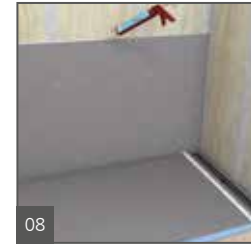


A continuous 1/2" (13 mm) bead of sealant is set into the channel and along the vertical curb notch part. A circle of 1/2" (13 mm) sealant bead is set against the wall panels (and) or the curb sides where the curb attaches. A 1/2" x 1/2" (13 mm x 13 mm) bed of thinset mortar is applied to the subfloor. The tightly cut to fit curb is pressed into the connection. Weight is applied on and against the curb (from the outside) and another 1/2" (13 mm) bead of sealant is applied over all curb seams and spread flat. The seams must be covered 3/4" to 1" (19 mm to 25 mm) either side of a seam.

! Curb connection notches must be cut to tightly fit select Riolito neo bases.



Set up a continuous 1/2" (13 mm) bead of wedi Joint Sealant at the perimeter channel and only in areas where you can immediately install a wedi Building Panel into the fresh sealant.



Push the wedi Building Panel all the way into the channel of the shower base channel and its bead of sealant. Smooth out any pushed out sealant on inside seam using a putty knife. Fasten the panels directly to the studs starting 1 ft (300 mm) above the base and at a rate of 1 fastener per 1ft (300 mm). One extra fastener is set into the seam to the next panel to create a flush transition.



wedi Niches are installed in a cut out in the wedi wall and attached with it's flange right into the center of 16 o.c. (406 mm) studs. wedi Joint Sealant is set along the connection of wall to niche.



2 Fasteners each side of the niche are set to create a flush transition to the wall panels. Another 1/2" (13 mm) bead of wedi sealant is spread over fasteners and seams.

i For the installation to properly work it is critical to waterproof all penetrations of the wedi product such as shower valves and shower heads using the appropriate sealing gaskets for the application. The wedi Mixing Valve Flexi Collar and wedi Flexi Collar (for 1/2" – 3/4" shower pipe protrusions) are used for these applications and are part of the wedi System complete warranty.

After Installation

All visible joints or seams in the installation are visibly covered and reinforced with wedi joint sealant applied flat over the seams. Coverage of wedi joint sealant over all seams should be at least 1 inch on either side of the seam. The joint sealant should be no less than 1/16" thick for strength. Do not add mesh tape into the wedi joint sealant. This may only put the waterproof performance at risk and will not strengthen the system's resistance against movement related stresses. Once wedi joint sealant application over all shower system seams has been completed, a water flood test may be performed as early as 2 hours later. No premixed organic mastic adhesives are used with wedi systems when installed in wet areas. Ceramic tile smaller than 2 x 2" square may be adhered using a modified thinset mortar and may be grouted using polymer modified cement based grout. Ceramic tiles smaller 1 x 1" square require adhesion in epoxy thinset mortar and grouting using epoxy grout. Non square tiles must be set accordingly and the shortest side of the tile determines the appropriate setting materials. Pebble Stones may be set and grouted using both, modified cement based thinset mortars and grouts or epoxy thinset mortar and grout, or a combination. Larger format tile > 2 inches square may be used on wedi Fundo Riolito neo. They may have to be cut for their grout joints aligning with the wedi shower base slope lines if present, depending on model used (where slope fields meet).

Installation instructions wedi Fundo Riolito neo/Riolito neo Modular Drain Cover

01 Drain Cover Fundo Riolito neo standard: High Grade Polished Stainless Steel Standard Version

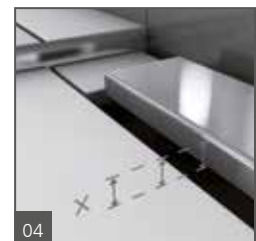
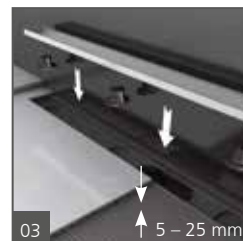
02 Drain Cover Fundo Riolito neo exclusive: High Grade Double Plated Stainless Steel Version

03 Drain Cover Fundo Riolito neo tileable: Can be tiled with epoxy glue/adhesive or wedi joint sealant. Can be used for 1/4" and 1/2" tile / stone (reverse cover)

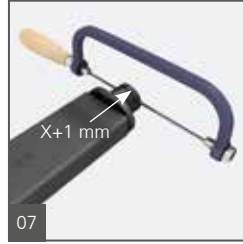
Drain cover can be adjusted from + 5 mm to + 25 mm from Riolito neo base surface. The cover supports may be extended out to needed height using the allen key included in box. The supports may also be cut shorter along prefabricated cutting lines before assembly with allen key.



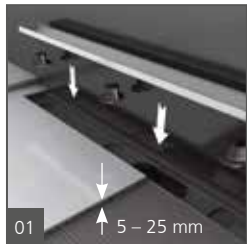
Linear channel cover standard and exclusive



x = compressed thinset plus tile thickness + 1 mm.



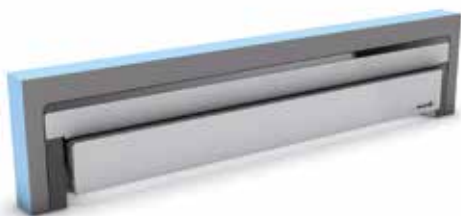
Linear channel cover tileable



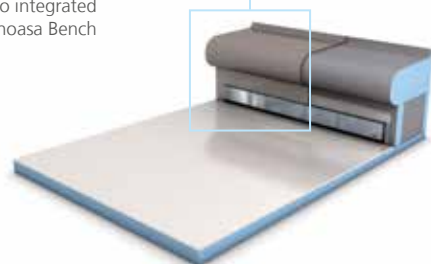


wedi Fundo Riolito Discreto

The wedi Fundo Riolito Discreto, the world's first vertical drain cover system panel that can be built into double walls or wedi made seats, steps, shelving or foot rests and can be installed over fitting wedi Riolito neo channel drain systems. The brand-new wedi Fundo Riolito Discreto has a 100 % waterproof core, integrated design and reversible cover (finished in brushed stainless steel, or it can be reversed and tiled over) and offer the ability to clean with ease, making it the ultimate shower wall drain solution.



e.g. Fundo Riolito Discreto on top of Fundo Riolito neo integrated into Sanoasa Bench





Apply wedi Joint Sealant to the underside of the plastic flange which will rest on the Riolito neo surface.

Note: When the Riolito neo product is not being used, this flange should be cut away as it does not conform with slope designs other than Riolito neo.



When using Riolito neo offset bases, insert the grey spacers into the channel. When Fundo Primo or Fundo OneStep products with offset drains are used, spacers are not required.



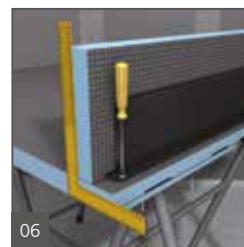
Prepare your wedi shower floor unit as shown here where a Fundo Riolito neo is used. With slight modifications to the Discreto unit, you can use it with all Fundo models featuring an offset drain.



Place the Fundo Discreto unit over the channel/drain unit. Joint sealant will adhere the unit to the base.



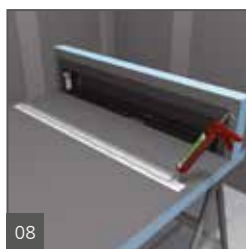
Make sure the Fundo Discreto is installed with a tight angle/perpendicular to the shower base surface.



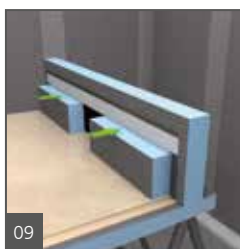
When Riolito neo is used, screws are used in addition to the joint sealant when securing the flange to the base.



Remove any excess joint sealant from the inside areas of the Discreto with a utility knife when it has dried to clean up the area.



Use wedi Joint Sealant if you choose to install the optional stainless steel plate (which works with the use of Discreto's finished stainless steel drain cover).



Apply some temporary weight against the metal plate so the sealant can set.

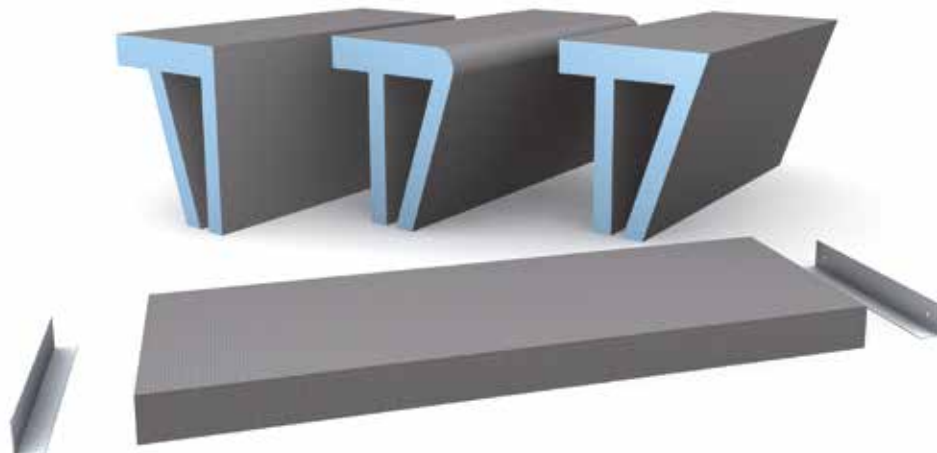


The unit is now installed and a double wall or seat/shelf unit can be installed around it, integrating the unit. The installation instructions show in detail how to insert and adjust the drain cover which can be reversed from finished surface to tileable surface. Adjustments can accommodate thickness of floor and wall tiles before fixing its position.



wedi Sanoasa Shower Benches 1–4

Comfort means something different to each person. The feeling of quiet and relaxation when sitting in the shower, though, is a very pleasant experience for everyone. The wedi Sanoasa benches provide plenty of space to comfortably relax, pampering both your body and mind in your own small wellness temple. The smart construction enables an unequalled freedom of visual design; both the seating areas and the carrier elements can not only be positioned the way you like, but also their shapes and sizes can be modified to suit. The benches attach to shower wall and floor surfaces using wedi Joint Sealant or, where a gap opens to the floor due to a sloped shower floor, thinset is used to fill the gap and mesh tape is applied over the thinset application or floor to bench seam.





More wedi Prefabricated Shower Seats and Benches

wedi prefabricated shower seats and benches install much quicker and easier than metal tray or concrete seats. Plus, they bond well to thinset mortar and are 100 % waterproof due to the extruded polystyrene closed cell foam core which is manufactured without the use of CFC and contains no HBCD. They will not cause efflorescence or discolorations or waterproofing issues as frequently observed with products including those requiring mortar fills. Create the perfect waterproof seating solution for your shower. wedi Prefabricated Suspended Corner Seats do not require additional blocking installed in the framing. Their mounting brackets are fastened into existing wall studs.





Prefabricated Niches

wedi prefabricated niches are fabricated from ½" Building Panels for strength and come in five different size options. The perfect fit for all your shower necessities, our niches install quickly and safely, and integrate flush into the wall panel assembly with wedi fasteners and wedi sealant. Shelves, included in some models, are flexible and can be installed exactly where they will fit your design best.





Premium brand wedi

wedi Building Panel Applications



wedi Shower System Solutions



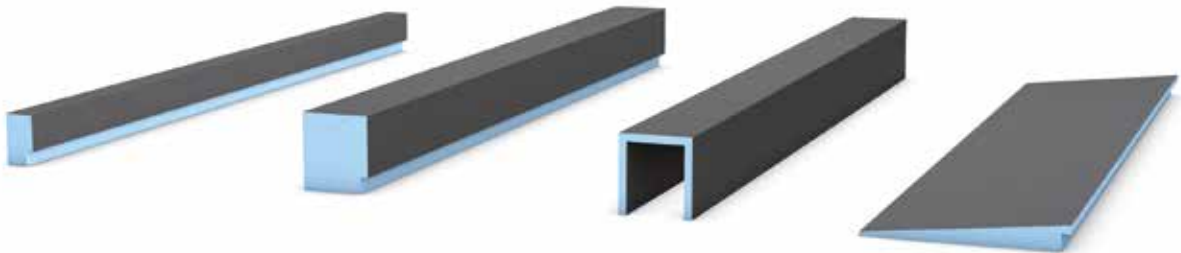
Underlayment Systems & Installation Tools

wedi Wellness and Spa System Solutions

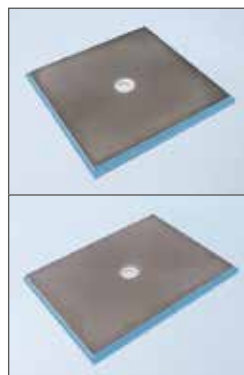



Curbs and Ramps

Available in several options for shower entry designs where transitions are required. wedi curbs and ramps can be installed with wedi Fundo shower bases, as well as conventional mortar bed systems. Waterproof and versatile, our curbs and ramps may be tiled before glass doors, panels or glass blocks are installed. Epoxy glue is recommended instead of screw fasteners when installing shower door tracks. The solid curb options are slightly sloped on the top surface so water will run back into the shower. Solid curbs carry a weight of up to 280 lbs/ft. once tiled. The wedi ramp is ADA compliant.




Fundo Primo | Square and Rectangular Shower Bases, Center Drain

	Description	Dimensions	Unit	Item #
	Fundo Primo, square	36" x 36" incl. drain (914 x 914 mm)	1 pc	073735507
	Fundo Primo, square	48" x 48" incl. drain (1220 x 1220 mm)	1 pc	073735505
	Fundo Primo, square	60" x 60" incl. drain (1524 x 1524 mm)	1 pc	073735518
	Fundo Primo, square	72" x 72" incl. drain (1830 x 1830 mm)	1 pc	073735524
	Fundo Primo, rectangular	36" x 48" incl. drain (914 x 1220 mm)	1 pc	073735516
	Fundo Primo, rectangular	36" x 60" incl. drain (914 x 1524 mm)	1 pc	073735506
	Fundo Primo, rectangular	48" x 60" incl. drain (1220 x 1524 mm)	1 pc	073735509
	Fundo Primo, rectangular	48" x 72" incl. drain (1220 x 1830 mm)	1 pc	073735508
	Fundo Primo, rectangular	60" x 72" incl. drain (1524 x 1830 mm)	1 pc	073735519
	Fundo Primo, rectangular	48" x 84" incl. drain (1220 x 2134 mm)	1 pc	073735522
	Fundo Primo, rectangular	60" x 84" incl. drain (1524 x 2134 mm)	1 pc	073735523
	Fundo Primo, rectangular	36" x 72" incl. drain (914 x 1830 mm)	1 pc	073735525


! wedi Fundo elements vary in thickness from 1 1/2" to 2" at the perimeter. When working with modular wedi curbs or ramps the connection notch might need to be adjusted in the field.
Equipped with Drain Unit and Cover Set Brushed Stainless Steel.

Fundo Primo | Rectangular Shower Base, Offset Drain

	Description	Dimensions	Unit	Item #
	Fundo Primo, rectangular, offset drain	36" x 72" incl. drain (914 x 1830 mm)	1 pc	073735521
	Fundo Primo, rectangular, offset drain	60" x 72" incl. drain (1524 x 1830 mm)	1 pc	073735526

! For tub replacement installations. Cut unit to always meet drain and shower size.
Equipped with Drain Unit and Cover Set Brushed Stainless Steel.

wedi Fundo Ligno | Square and Rectangular Shower Bases, Center Drain

	Description	Dimensions	Unit	Item #
	Fundo Ligno, square	48" x 48" x 3/4" (1220 x 1220 x 19 mm)	1 pc	073732015
	Fundo Ligno, square	60" x 60" x 3/4" (1524 x 1524 x 19 mm)	1 pc	073732018
	Fundo Ligno, rectangular	36" x 48" x 3/4" (914 x 1220 x 19 mm)	1 pc	073732014
	Fundo Ligno, rectangular	36" x 60" x 3/4" (914 x 1524 x 19 mm)	1 pc	073732016
	Fundo Ligno, rectangular	48" x 60" x 3/4" (1220 x 1524 x 19 mm)	1 pc	073732017

Fundo Shower Bases | Customized Products



- ! The customized products are between 1.5" – 2" thick. Other thicknesses available upon request.
- You can freely select the position of the drain in your customized product.
- Your customized products can be square, rectangular or polygonal. Curves are available upon request.
- Delivery of Fundo customized products takes approx. 8 weeks.
- Slope will reflect 1/4" per one ft. (minimum)

Fundo Riolito neo | Shower Base, with Integrated Channel Drain



Description	External Dimensions Length x Width x Height	Channel Length	Item #
Fundo Riolito neo, floor base, with channel drain	36" x 60" x 2 3/8" incl. drain, four-way slope (914 x 1524 x 51 mm)	43 5/16" (1100 mm)	075100016
Fundo Riolito neo, floor base, with channel drain	48" x 60" x 2 1/2" incl. drain, four-way slope (1220 x 1524 x 63 mm)	27 1/2" (700 mm)	075100012
Fundo Riolito neo, floor base, with channel drain	48" x 72" x 2 3/8" incl. drain, four-way slope (1220 x 1830 x 51 mm)	43 5/16" (1100 mm)	075100014
Fundo Riolito neo, floor base, with channel drain	32" x 72" x (2 3/4" – 1 3/8") incl. drain, single slope (one-way slope) (813 x 1830 x 63 – 35.4 mm)	27 1/2" (700 mm)	075100015
Fundo Riolito neo, floor base, with channel drain	32" x 72" x 2 3/4" incl. drain, two-way slope, drain 12" offset (813 x 1830 x 63 mm)	27 1/2" (700 mm)	075100035

Fundo Riolito neo Modular | Shower Base, with Integrated Channel Drain



Description	External Dimensions Length x Width x Height	Channel Length	Item #
Fundo Riolito neo, line module	32" x 5 3/4" (813 x 146 mm) Height Line Module: 1 3/8" (35.4 mm)	27 1/2" (700 mm)	075100052
Fundo Riolito neo, line module	48" x 5 3/4" (1220 x 146 mm) Height Line Module: 1 3/8" (35.4 mm)	43 5/16" (1100 mm)	075100053
Fundo Riolito neo, extension module	32" x 66 3/4" (813 x 1700 mm) Height Line Module: 1 3/8" (35.4 mm) – 2 3/16" (55.6 mm)	–	075100050
Fundo Riolito neo, extension module	48" x 66 3/4" (1200 x 1700 mm) Height Line Module: 1 3/8" (35.4 mm) – 2 3/16" (55.6 mm)	–	075100051



Fundo Riolito neo Standard | Cover Plate, Stainless Steel





Description	Width x Length x Height	Unit	Item #
Fundo Riolito neo Standard drain cover for 36" x 60" and 48" x 72" Riolito neo base (914 x 1524 mm) and (1220 x 1830 mm)	1 5/8" x 43 1/4" x 3/4" (41 x 1100 x 19 mm)	1 pc	676797045
Fundo Riolito neo Standard drain cover for 48" x 60" and 32" x 72" Riolito neo base (1220 x 1524 mm) and (813 x 1830 mm)	1 5/8" x 27 5/8" x 3/4" (41 x 700 x 19 mm)	1 pc	676797048

- ! For tile installation heights of between 3/16" to 1" For Fundo Bases Riolito neo and Riolito neo Modular

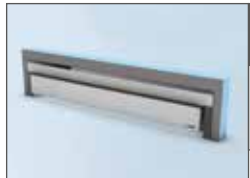

Fundo Riolito neo Exclusive | Cover Plate, Stainless Steel

	Description	Width × Length × Height	Unit	Item #
	Fundo Riolito neo Exclusive drain cover for 36" × 60" and 48" × 72" Riolito neo base (914 × 1524 mm) and (1220 × 1830 mm)	1 5/8" × 43 1/4" × 3/4" (41 × 1100 × 19 mm)	1 pc	676797046
	Fundo Riolito neo Exclusive drain cover for 48" × 60" and 32" × 72" Riolito neo base (1220 × 1524 mm) and (813 × 1830 mm)	1 5/8" × 27 5/8" × 3/4" (41 × 700 × 19 mm)	1 pc	676797049
 For tile installation heights of between 3/16" to 1" For Fundo Bases Riolito neo and Riolito neo Modular				

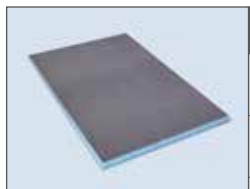

Fundo Riolito neo Tileable | Cover Plate, Stainless Steel

	Description	Width × Length × Height	Unit	Item #
	Fundo Riolito neo Tileable drain cover for 36" × 60" and 48" × 72" Riolito base (914 × 1524 mm) and (1220 × 1830 mm)	1 5/8" × 43 1/4" × 3/4" (41 × 1100 × 19 mm)	1 pc	676797047
	Fundo Riolito neo Tileable drain cover for 48" × 60" and 32" × 72" Riolito base (1220 × 1524 mm) and (813 × 1830 mm)	1 5/8" × 27 5/8" × 3/4" (41 × 700 × 19 mm)	1 pc	676797050
 For tile installation heights of between 3/16" to 1". Reverse for thinner or thicker tile. For Fundo Bases Riolito neo and Riolito neo Modular				

Fundo Discreto | System Component, for Creating Vertical Wall Drainage

	Description	External Dimensions Length × Width × Height	Unit	Item #
	Fundo Discreto System Component Integrates into wedi seats, tileable cover included	31.5" × 2" (800 × 51 mm)	1 pc	073738200
	 For installation over wedi Fundo Riolito neo 48" × 60" or 32" × 60" bases			

Fundo/Pre-Sloped Extension Panels

	Description	Width × Length × Thickness	Unit	Item #
	Shower base extension	24" × 48", sloped 1/4"/ft. (609.8 × 1219.2 mm, sloped 6 mm in 30 mm)	sheet	073783528
	Shower base extension	12" × 60", sloped 1/4"/ft. (304.8 × 1524 mm, sloped 6 mm in 30 mm)	sheet	073732030
	Shower Base Extension Lean	12" × 72", sloped 1/4"/ft. (304.8 × 1828.8 mm, sloped 6 mm in 30 mm)	sheet	073783523
 Slope extends over 24" or 12" direction of either extension panel Pre-grooved Extension panels are designed to interlock with Fundo Primo bases and 4 way slope Fundo Riolito neo bases. Extension Panels installation height must be increased if connected to Fundo shower bases thicker than 1 1/2" at perimeter.				

All wedi Fundo shower bases can be cut to size on site or ordered as a custom size.
For more detailed installation and product information, see our Technical Data Sheets (TDS) on www.wedicorp.com.

wedi EPS Easy Box



Description	Dimension	Unit	Item #
wedi EPS Easy Box	72" × 36" × 3.35" (1829 × 914 × 85 mm)	1 pc	075801010

i Use wedi EPS Easy Box to increase installation height for wedi shower bases Fundo Primo, Riolito neo, Riolito neo Modular. An increase of installation height might become necessary if horizontal drainage must be accommodated below wedi shower bases. Such drainage can be integrated into EPS Easy Box on which wedi shower bases are installed. EPS block „Easy Box“ can be cut to size as required. wedi's solid foam Curbs can be supported by Easy Box when installed at the entry of wedi shower bases.

wedi Fundo Primo Shower Kit



Description	Dimension	Unit	Item #
wedi Fundo Primo Shower Kit	36" × 36" center drain (914 × 914 mm)	1 pc	US2000002
wedi Fundo Primo Shower Kit	36" × 48" center drain (914 × 1220 mm)	1 pc	US2000007
wedi Fundo Primo Shower Kit	48" × 48" center drain (1220 × 1220 mm)	1 pc	US2000004
wedi Fundo Primo Shower Kit	36" × 60" center drain (914 × 1524 mm)	1 pc	US2000003
wedi Fundo Primo Shower Kit	36" × 72" center drain (914 × 1830 mm)	1 pc	US2000001
wedi Fundo Primo Shower Kit	36" × 72" offset drain (914 × 1830 mm)	1 pc	US2000008
wedi Fundo Primo Shower Kit	48" × 60" center drain (1220 × 1524 mm)	1 pc	US2000005
wedi Fundo Primo Shower Kit	48" × 72" center drain (1220 × 1830 mm)	1 pc	US2000006

- !**
 - Wall height 80"
 - Matching drains and drain covers on page 79/80
 - See technical drawing for Fundo Primo bases for shower floor design and drain location information on p. 94
- 🔧**
 - 1 wedi Fundo Pan
 - wedi Building Panels to cover up to (3) 80" walls
 - 1 drain assembly
 - 1 Full Foam Curb Lean
 - wedi Joint Sealant
 - Fasteners
 - wedi putty knife
 - Mixing Valve Flexi Collar
 - Flexi Collar (for pipe protrusions)

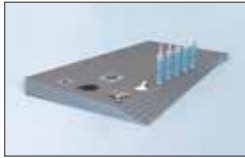
wedi Fundo Riolito neo Shower Kit



Description	Dimension	Unit	Item #
wedi Fundo Riolito neo Shower Kit	32" × 72" One-Sided Slope (660 × 1830 mm)	1 pc	US4000010

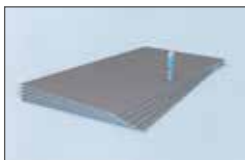
- !**
 - Wall height 80" (2032 mm)
 - Order drain cover separately
 - See technical drawing for Fundo Riolito neo 32" × 72" for shower floor design and drain location information on p. 97
- 🔧**
 - 1 wedi Fundo Shower Pan
 - wedi Building Panels to cover up to (3) 80" walls
 - 1 drain assembly
 - 1 Standard Cover Plate
 - 1 Full Foam Curb Lean
 - Fasteners
 - wedi Joint Sealant
 - Mixing Valve Flexi Collar
 - Flexi Collar (for pipe protrusions)

wedi Shower and Bath Tub Surround Kit

	Description	Kit Contents	Unit	Item #
	wedi Shower and Bath Tub Surround Kit	(5) wedi 3' x 5' x 1/2" Building Panels (914 x 1524 x 12.7 mm) (5) wedi Joint Sealant, 10.5 oz. (310 ml) (1) Mixing Valve Flexi Collar (1) Flexi Collar (1) Corner Putty Knife 100 ct. of wedi Tab Steel Washers 100 ct. of wedi Galvanized Screws	1 kit	US4000001


! For Tub surrounds, Shower Wall Surrounds and use with Onestep Shower Bases.

Underlayment Kit

	Description	Kit Contents	Unit	Item #
	Underlayment Kit	(5) wedi 2' x 4' x 1/4" Building Panels (600 x 1250 x 6 mm) (1) wedi Joint Sealant, 10.5 oz. (30 cl) 40 x tabless washers and wood screws	1 kit	US4000002





! Especially for use with electric floor warming systems.

OneStep Shower System



	Description	External Dimensions Length x Width x Height	Unit	Item #
	OneStep Shower Base	36" x 36" x 4", center drain (914 x 914 x 101.6 mm)	1 pc	US4000004
	OneStep Shower Base	36" x 48" x 4", center drain (914 x 1220 x 101.6 mm)	1 pc	US4000005
	OneStep Shower Base	32" x 60" x 4", center drain (813 x 1524 x 101.6 mm)	1 pc	US4000008
	OneStep Shower Base	36" x 60" x 4", center drain (914 x 1524 x 101.6 mm)	1 pc	US4000003
	OneStep Shower/Tub Replacement Base	36" x 60" x 4", left drain (914 x 1524 x 101.6 mm)	1 pc	US4000006
	OneStep Shower/Tub Replacement Base	36" x 60" x 4", right drain (914 x 1524 x 101.6 mm)	1 pc	US4000007

i Custom Sizes available on request

Fundo Drain Units & Kits Standard | Drain, PVC, ABS and Brass

	Description	Unit	Item #
	Fundo Drain Kit Standard, ABS, Compression Fit	1 pc	US1000003
	Fundo Drain Kit; Brass, Compression Fit	1 pc	US1000004
	Fundo Glue Drain Kit, ABS	1 pc	US1000007
	Fundo Compression Fit Drain Unit	1 pc	US1000012
	Fundo Brass Compression Fit Drain Unit	1 pc	US1000011
	Fundo Glue Drain, ABS	1 pc	US1000010
	wedi Angle Drain	1 pc	US1000027
	<div> <div>  <ul style="list-style-type: none"> Drain Units connect to Schedule 40 pipe Compression Fit Drain units can be used with ABS/PVC pipe Glue Drain units can be used with ABS floor pipe </div> <div> <ul style="list-style-type: none"> Items sold as Kit contain Drain unit and Cover Set standard For Fundo Primo, Ligno and Onestep </div> </div>		


Fundo Drain Accessories | Specialty 2 inch Sealing Gaskets



	Description	Unit	Item #
	Special Rubber Caulking Gasket for Cast Iron Pipe Connection	1 pc	US5000030
	Special Rubber Caulking Gasket for Copper Pipe Connection	1 pc	US5000031
	<div> <div>  <ul style="list-style-type: none"> For use in Compression Fit Drain units Specialty Gaskets available upon request </div> </div>		

Fundo Fino | Optional Design Covers, Stainless Steel Brushed


Set 1.1  Set 3.1	Description	Unit	Item #
	Fundo Fino Cover Set 1.1, square 4" × 4" (102 × 102 mm) (Daisy Design)	1 pc	US1000021
	Fundo Fino Cover Set 1.1.2, round (Daisy Design)	1 pc	US1000023
Set 3.1.2  Set 1.1.2	Fundo Fino Cover Set 1.3, square 4" × 4" (102 × 102 mm) / w. Screws (Daisy Design)	1 pc	US1000022
	Fundo Fino Cover Set 3.1, square 4" × 4" (102 × 102 mm) (Pebbles Design)	1 pc	US1000024
	Fundo Fino Cover Set 3.1.2, round (Pebbles Design)	1 pc	US1000026
Fundo Fino Tileable Cover Plate 	Fundo Fino Cover Set 3.3, square 4" × 4" (102 × 102 mm) / w. Screws (Pebbles Design)	1 pc	US1000025
	Fundo Fino Tileable Cover Plate, square 4" × 4" (102 × 102 mm)	1 pc	US1000020
	<div> <div>  <ul style="list-style-type: none"> For use with wedi Fundo Primo, Ligno, Onestep, Trollo, Nautilo bases. Tileable cover plate surface is elevated 1/16" over tile surface of a Fundo base. For a flush tile installation, wedi joint sealant spot bonding may be used to install the tile inside the cover so height is reduced versus the thinset bed build up under the tile on the shower base. </div> <div>  <ul style="list-style-type: none"> 1 drain cover, stainless steel 1 Frame, stainless steel </div> </div>		


Fundo Standard | Drain Cover, Stainless Steel Base

	Description	Width × Length	Unit	Item #
	Fundo Drain Cover Set, Brushed Stainless Steel	4" × 4" (100 × 100 mm)	1 pc	US1000009
	Fundo Drain Cover Set, Brushed Stainless Steel with Screws	4" × 4" (100 × 100 mm)	1 pc	US1000029
	Fundo Drain Cover Set, Oil Rubbed Bronze	4" × 4" (100 × 100 mm)	1 pc	US1000008


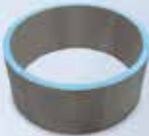
-  For this drain cover, the height of your tiling must be at least 1/4".
- For use with wedi Fundo Primo, Ligno, Onestep, Trollo, Nautilo bases.
- The Standard Drain Cover included in Fundo Systems Primo/Ligno/Onestep/Trollo/Nautilo is US1000009
-  1 drain cover, stainless steel
- 1 frame, stainless steel


Fundo Drain Wrench

	Description	Unit	Item #
	Heavy Duty Drain Wrench	1 pc	US5000032


 Support tool used to tighten wedi Fundo Primo compression fit rubber gaskets


Fundo Trollo | Designer Shower

	Description	Dimensions	Unit	Item #
	Fundo Trollo, wall element	Height: 79 3/8" (2010 mm)	1 pc	041709002
	Fundo Trollo, floor base	H × W: 1 1/2" × 44 7/8" (40 × 1140 mm)	1 pc	073736575
	Options			
	Extension collar	Height: 19 5/8" (500 mm)	1 pc	041709052
	Glass swing door	Height: 78 1/4" (1990 mm)	1 pc	608001100
	Glass sliding door	Height: 74 7/8" (1900 mm)	1 pc	608001200

-  The glass door can only be mounted after tiling.

- Equipped with Drain Unit and Cover Set
- Brushed Stainless Steel

-  1 floor base
- 2 wall segments type "A"
- 3 wall segments type "B"
- 4 splines
- 2 – 82 ft self-adhesive joint reinforcement tape
- 3 – wedi Joint Sealant

-  No framing needed for this system
- made of wedi 2" Building Panel.



-  Fundo Trollo, designer shower:

- Inside wall: approx. 66 sq. ft.
- Outside wall: approx. 75 sq. ft.
- Floor: approx. 9 sq. ft.



- Extension collar:

- Inside wall: approx. 18 sq. ft.
- Outside wall: approx. 20 sq. ft.


Fundo Nautilo | Designer Shower Right Entry

	Description	Dimensions	Unit	Item #
	Fundo Nautilo, wall element	Height: 79 3/8" (2010 mm)	1 pc	041708000
	Fundo Nautilo, floor base, right entry	W x L x H: 59 5/8" x 74 3/8" x 2" (1515 x 1890 x 50 mm)	1 pc	073736066
	Options			
	Extension collar	Height: 19 5/8" (500 mm)	1 pc	041708050
	<p>i No framing needed for this system made of wedi 2" Building Panel.</p> <p>ft² Fundo Nautilo, designer shower:</p> <ul style="list-style-type: none"> ▪ Inside wall: approx. 110 sq. ft. ▪ Outside wall: approx. 124 sq. ft. ▪ Floor: approx. 18 sq. ft. <p>Extension collar:</p> <ul style="list-style-type: none"> ▪ Inside wall: approx. 24 sq. ft. ▪ Outside wall: approx. 27 sq. ft. 			

Fundo Nautilo | Designer Shower Left Entry

	Description	Dimensions	Unit	Item #
	Fundo Nautilo, wall element	Height: 79 3/8" (2010 mm)	1 pc	041708000
	Fundo Nautilo, floor base, left entry	W x L x H: 59 5/8" x 74 3/8" x 2" (1515 x 1890 x 50 mm)	1 pc	073736065
	Options			
	Extension collar	Height: 19 5/8" (500 mm)	1 pc	041708050
	<p>i No framing needed for this system made of wedi 2" Building Panel.</p> <p>ft² Fundo Nautilo, designer shower:</p> <ul style="list-style-type: none"> ▪ Inside wall: approx. 110 sq. ft. ▪ Outside wall: approx. 124 sq. ft. ▪ Floor: approx. 18 sq. ft. <p>Extension collar:</p> <ul style="list-style-type: none"> ▪ Inside wall: approx. 24 sq. ft. ▪ Outside wall: approx. 27 sq. ft. 			

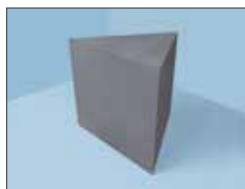
wedi Shower Seat M&L



Description	Width × Length × Height	Unit	Item #
wedi Seat M, Suspended Seat	17" × 17" (wall sides) × 4" (432 × 432 × 100 mm)	1 pc	US3000001
wedi Seat L, Suspended Seat	24" × 24" (wall sides) × 4" (610 × 610 × 100 mm)	1 pc	US3000002

- i** ■ wedi Joint Sealant is included for adhesion
- wedi Fiberglass Mesh Tape is included for the wall/floor connection


Shower Bench & Seat | Full Foam Triangular Seats



Description	Width × Length × Height	Unit	Item #
wedi Full Foam Corner Seat	23" × 23" (wall sides) × 20" sloped (584 × 584 × 508 mm)	1 pc	073784101

! Full foam corner seat made of solid XPS foam. These units are pre-made and ready for thinset installation against walls and feature a 1/8" slope to the front.


wedi Sanoasa Shower Bench 1



Description	Length × Depth × Height	Unit	Item #
wedi Sanoasa Shower Bench 1 M	approximately 35" × 18" × 15" (900 × 454 × 380 mm)	1 pc	076447030
wedi Sanoasa Shower Bench 1 L	approximately 47" × 18" × 15" (1200 × 454 × 380 mm)	1 pc	076447031

- !** ■ The bench is delivered in four parts: Bench element, substructure element and 2 side elements
- wedi Joint Sealant is included for adhesion
- wedi Fiberglass Mesh Tape is included for the wall/floor connection


wedi Sanoasa Shower Bench 2



Description	Length × Depth × Height	Unit	Item #
wedi Sanoasa Shower Bench 2 M	approximately 35" × 18" × 15" (900 × 454 × 380 mm)	1 pc	076447032
wedi Sanoasa Shower Bench 2 L	approximately 47" × 18" × 15" (1200 × 454 × 380 mm)	1 pc	076447033

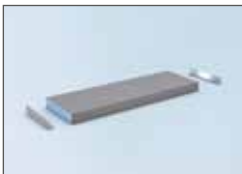
- !** ■ The bench is delivered in four parts: Bench element, substructure element and 2 side elements
- wedi Joint Sealant is included for adhesion
- wedi Fiberglass Mesh Tape is included for the wall/floor connection

wedi Sanoasa Shower Bench 3

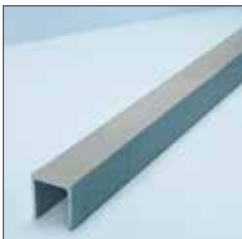
	Description	Length × Depth × Height	Unit	Item #
	wedi Sanoasa Shower Bench 3 M	approximately 35" × 18" × 15" (900 × 454 × 380 mm)	1 pc	076447034
	wedi Sanoasa Shower Bench 3 L	approximately 47" × 18" × 15" (1200 × 454 × 380 mm)	1 pc	076447035

- ! The bench is delivered in four parts: Bench element, substructure element and 2 side elements
- wedi Joint Sealant is included for adhesion
- wedi Fiberglass Mesh Tape is included for the wall/floor connection

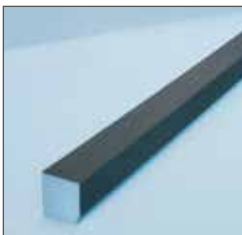
wedi Sanoasa Shower Bench 4

	Description	Length × Depth × Height	Unit	Item #
	wedi Sanoasa Shower Bench 4, straight	47 1/4" × 15" × 3 1/8" (1200 × 380 × 80 mm)	1 pc	US3000000
	<ul style="list-style-type: none"> i wedi Joint Sealant is included for adhesion wedi Fiberglass Mesh Tape is included for the wall/floor connection 			

wedi | Curb Over

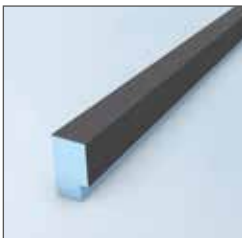
	Description	Width × Length × Height	Unit	Item #
	wedi Curb Over (Square Edges)	5" × 5' × 4 1/2" (127 × 1524 × 114 mm)	1 pc	US3000008
	wedi Curb Over (Square Edges)	5" × 8' × 4 1/2" (127 × 2500 × 114 mm)	1 pc	US3000010
! Installation over 2" × 4"'s construction. CAUTION: Do not allow Glass Door Assembly to penetrate Curb Over.				

wedi | Full Foam Curb

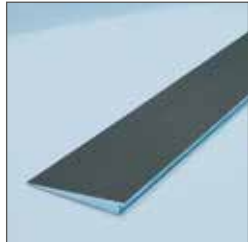

	Description	Width × Length × Height	Unit	Item #
	wedi Curb Full Foam (Square Edges)	5" × 5' × 4 1/2" (127 × 1524 × 114 mm)	1 pc	074319002
	wedi Curb Full Foam (Square Edges)	5" × 8' × 4 1/2" (127 × 2500 × 114 mm)	1 pc	074319001
	wedi Curb Full Foam (Square Edges)	5" × 3' × 4 1/2" (127 × 914 × 114 mm)	1 pc	US3000011

- ! Sloped on top surface




wedi | Curb Full Foam "LEAN"

	Description	Width × Length × Height	Unit	Item #
	wedi Curb Full Foam "LEAN" (Square Edges)	2" × 5' × 3 1/2" (51 × 1524 × 89 mm)	1 pc	074319007
	wedi Curb Full Foam "LEAN" (Square Edges)	2" × 8' × 3 1/2" (51 × 2438 × 89 mm)	1 pc	074319008
! Sloped on top surface				

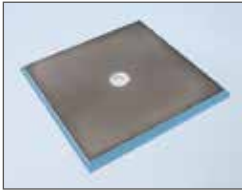
wedi | Shower Ramp

	Description	Width × Length × Height	Unit	Item #
	wedi Shower Ramp*	12" × 5', sloped 1 1/2" to 1/4" (305 × 1524 mm, sloped 38.1 to 6.35 mm)	1 pc	073736517
	 * ADA compliant			

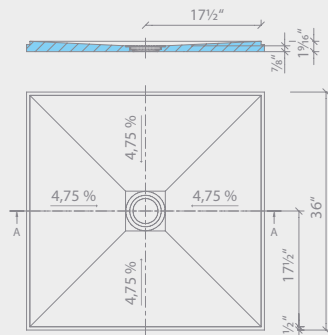
wedi Niche | Square Edges

	Description	Outside dimensions	Unit	Item #
	wedi Niche Square Edges	16" × 8" (406 × 203 mm)	1 pc	US3000003
	wedi Niche Square Edges	16" × 12" (406 × 305 mm)	1 pc	US3000004
	wedi Niche Square Edges	16" × 16" (406 × 406 mm)	1 pc	US3000005
	wedi Niche Square Edges	16" × 22" (406 × 559 mm) incl. removable shelf	1 pc	US3000007
	wedi Lean Combo Niche	16" × 42" (406 × 1067 mm) incl. 2 removable shelves	1 pc	US3000024
	wedi Cathedral Niche	16" × 30" (406 × 762 mm) incl. removable shelf	1 pc	US3000016
	 <ul style="list-style-type: none"> Installation over 2" × 4" construction, 16" o.c. framework Dimensions are outside dimensions 			

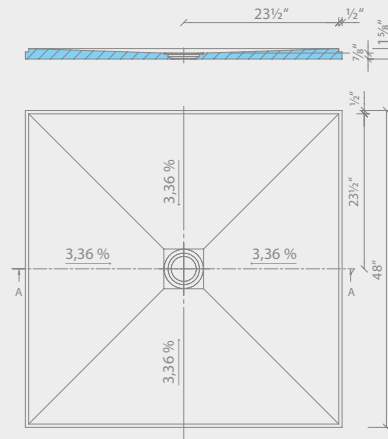
Fundo Primo | Square and Rectangular Shower Bases



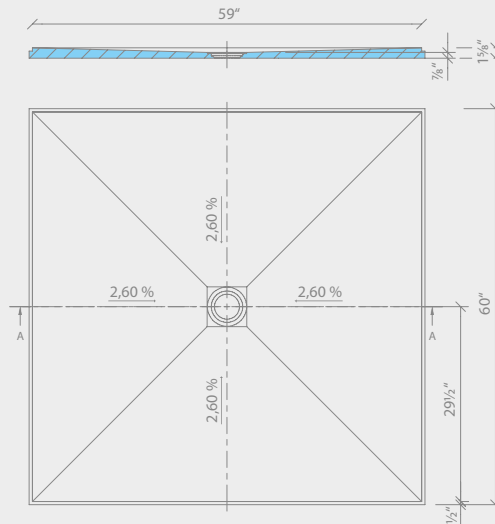
Fundo Primo, square, 36" × 36" incl. drain



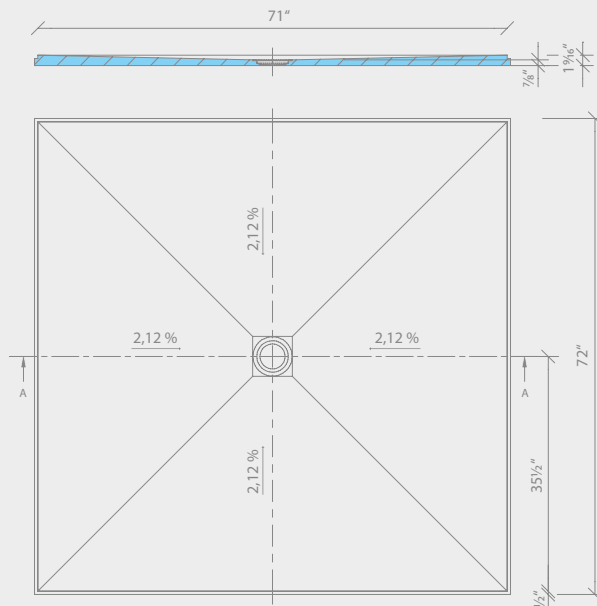
Fundo Primo, square, 48" × 48" incl. drain



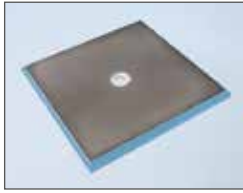
Fundo Primo, square, 60" × 60" incl. drain



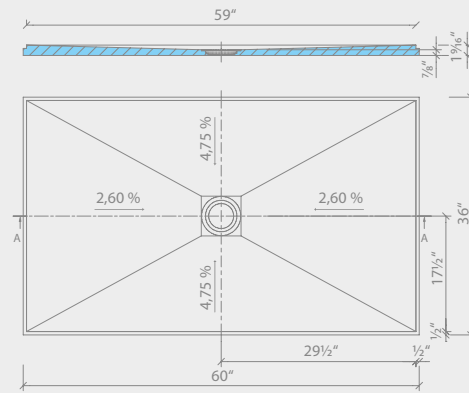
Fundo Primo, square, 72" × 72" incl. drain



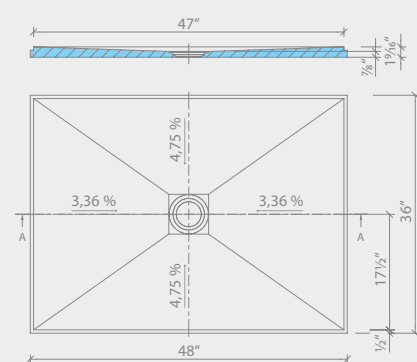
Fundo Primo | Square and Rectangular Shower Bases



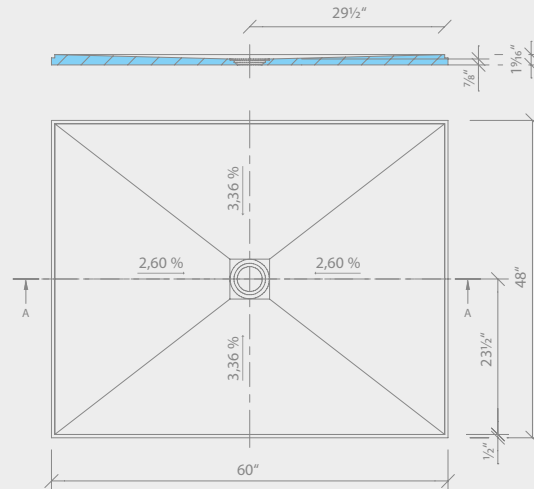
Fundo Primo, rectangular, 36" x 60" incl. drain



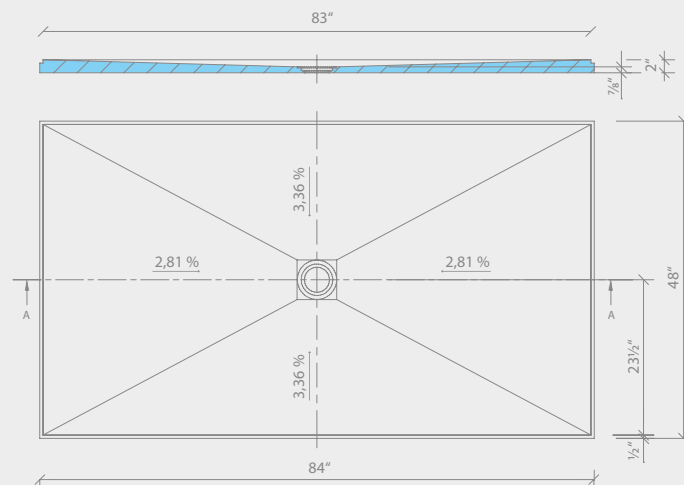
Fundo Primo, rectangular, 36" x 48" incl. drain



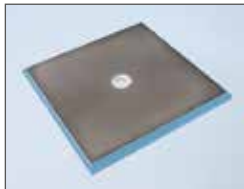
Fundo Primo, rectangular, 48" x 60" incl. drain



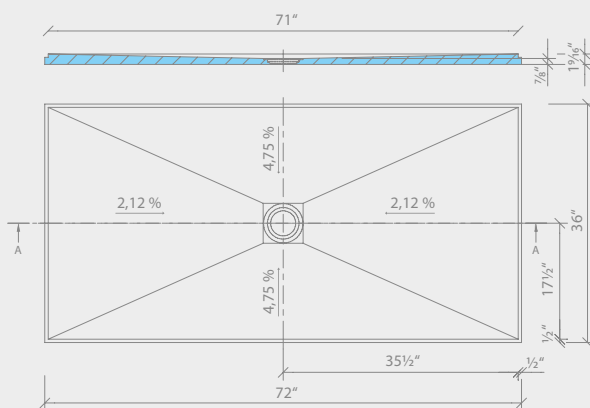
Fundo Primo, rectangular, 48" x 84" incl. drain



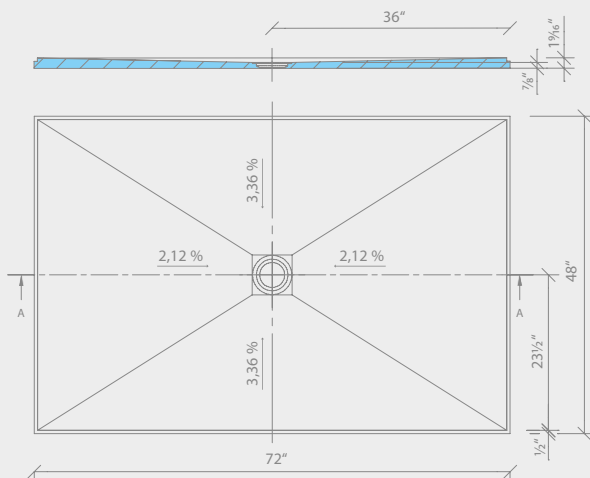
Fundo Primo | Square and Rectangular Shower Bases



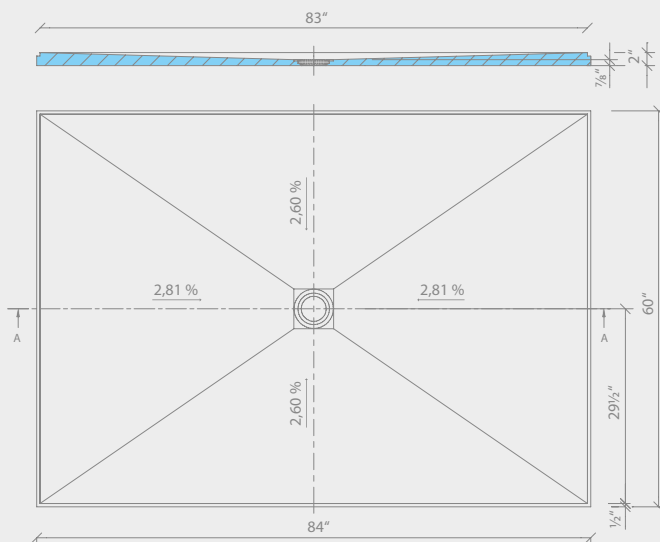
Fundo Primo, rectangular, 36" × 72" incl. drain



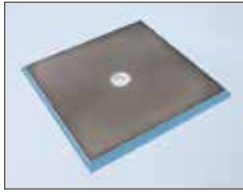
Fundo Primo, rectangular, 48" × 72" incl. drain



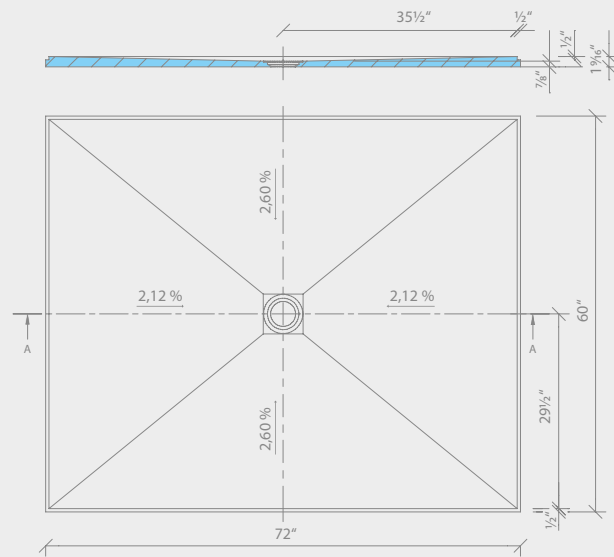
Fundo Primo, rectangular, 60" × 84" incl. drain



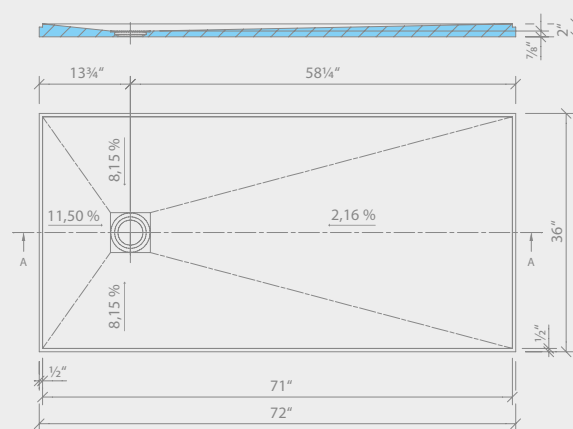
Fundo Primo | Square and Rectangular Shower Bases



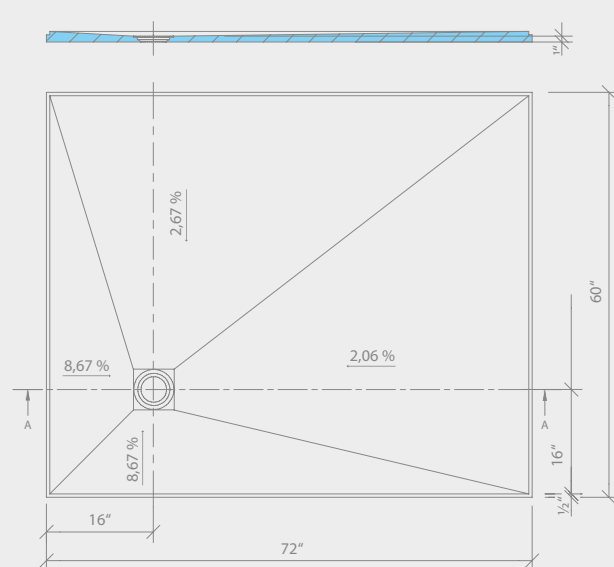
Fundo Primo, rectangular, 60" × 72" incl. drain



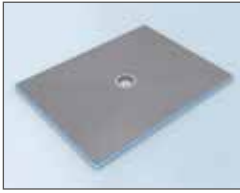
Fundo Primo, rectangular, 36" × 72" incl. drain



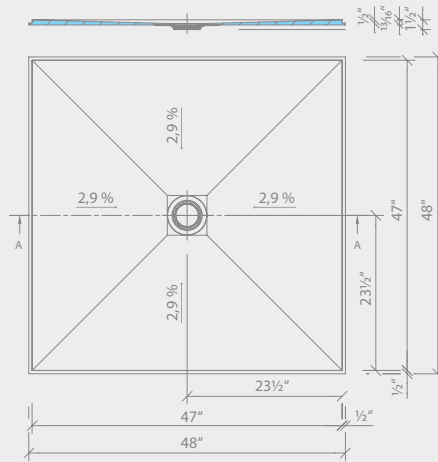
Fundo Primo, rectangular, 60" × 72" incl. drain



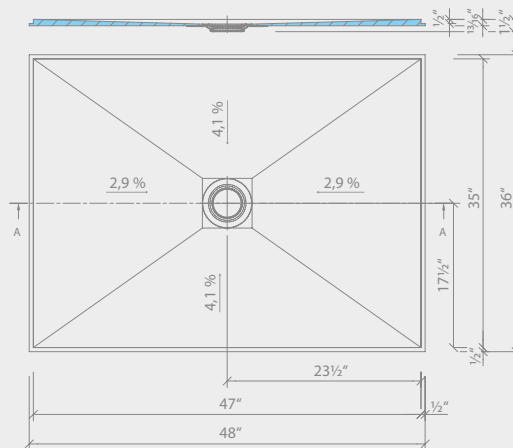
wedi Fundo Ligno | Square and Rectangular Shower Bases, Center Drain



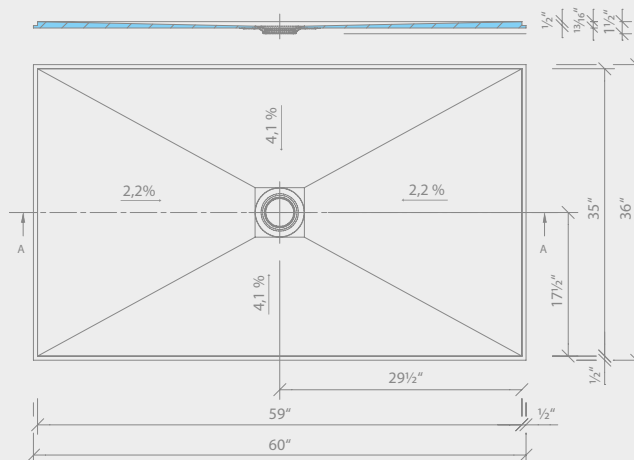
Fundo Ligno, square,
48" x 48" x 3/4"



Fundo Ligno, rectangular,
36" x 48" x 3/4"



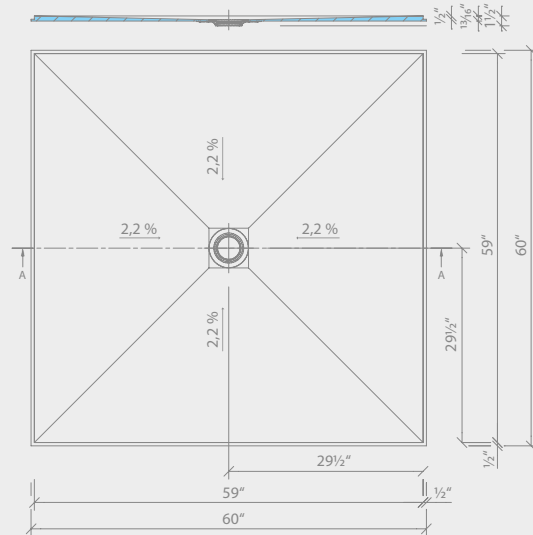
Fundo Ligno, rectangular,
36" x 60" x 3/4"



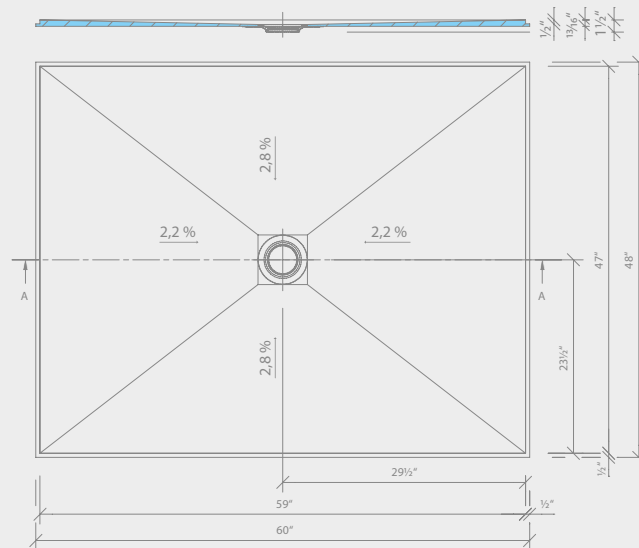
wedi Fundo Ligno | Square and Rectangular Shower Bases, Center Drain



Fundo Ligno, square,
60" x 60" x 3/4"



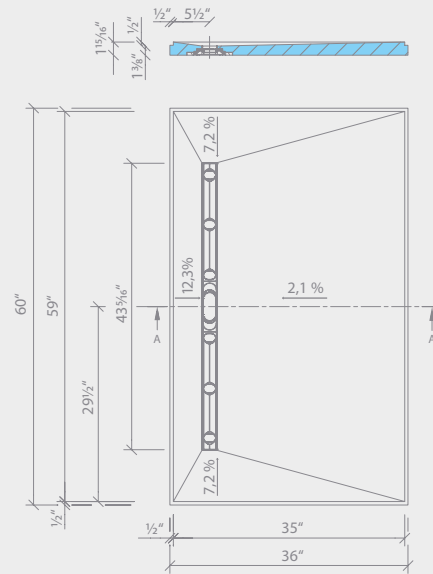
Fundo Ligno, rectangular,
48" x 60" x 3/4"



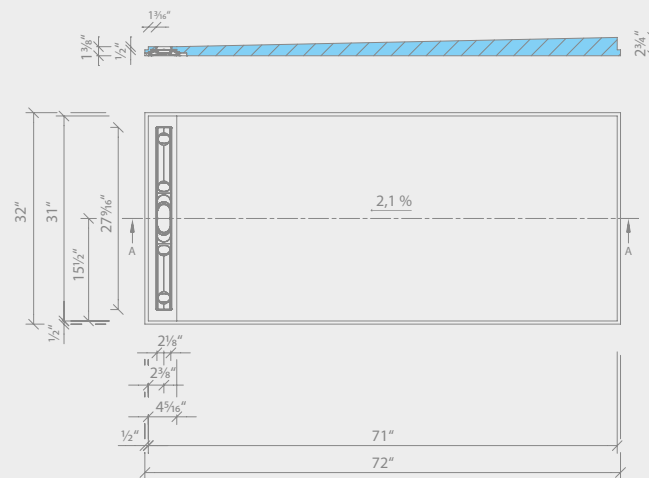
Fundo Riolito neo | Shower Base, with Integrated Channel Drain



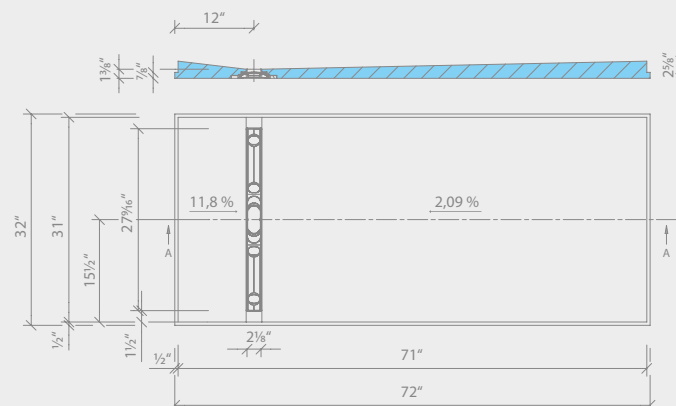
Fundo Riolito neo, floor base, with channel drain
36" x 60" x 2 3/8"



Fundo Riolito neo, floor base, with channel drain
32" x 72" x (2 3/4" – 1 3/8")



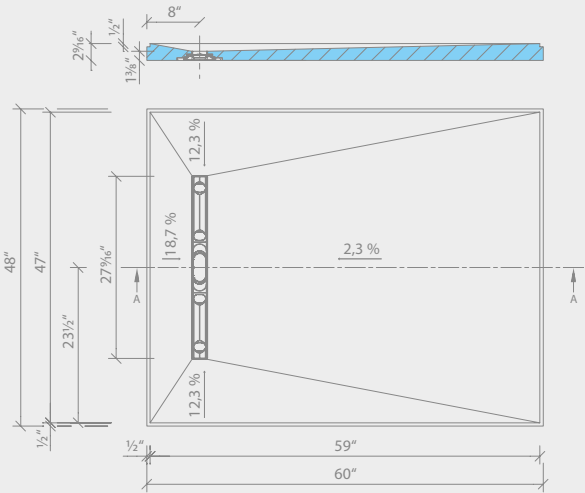
Fundo Riolito neo, floor base, with channel drain
32" x 72" x 2 3/4"



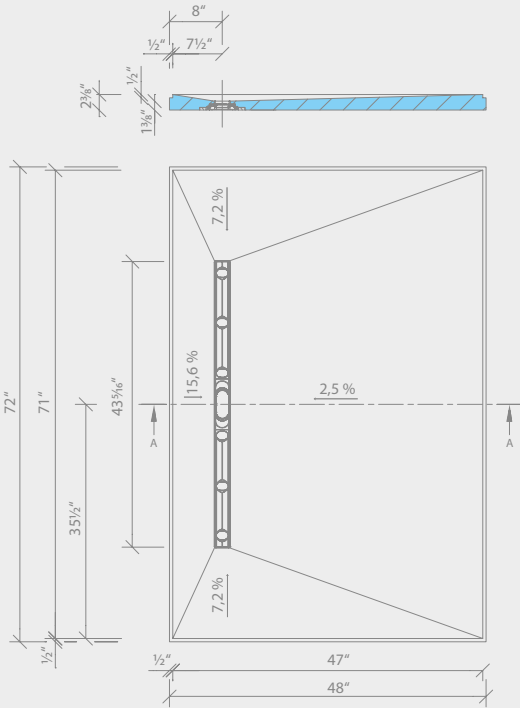
Fundo Riolito neo | Shower Base, with Integrated Channel Drain



Fundo Riolito neo, floor base, with channel drain
48" x 60" x 2 1/2"



Fundo Riolito neo, floor base, with channel drain
48" x 72" x 2"

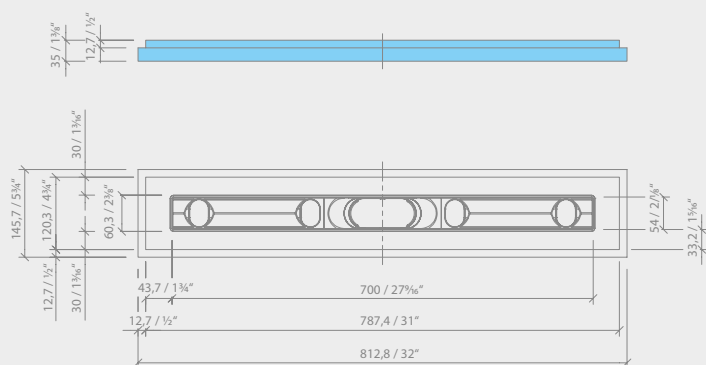


Fundo Riolito neo Modular | Shower Base, with Integrated Channel Drain



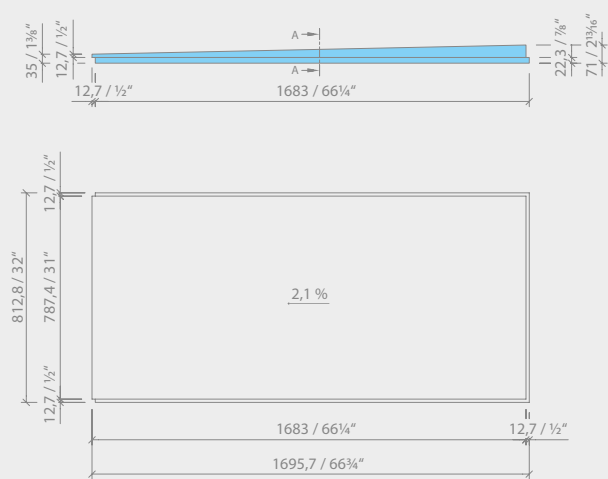
Fundo Riolito neo Modular, line module

32" x 5 3/4"

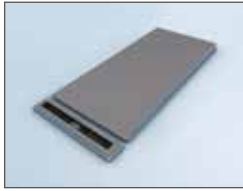


Fundo Riolito neo Modular, extension module

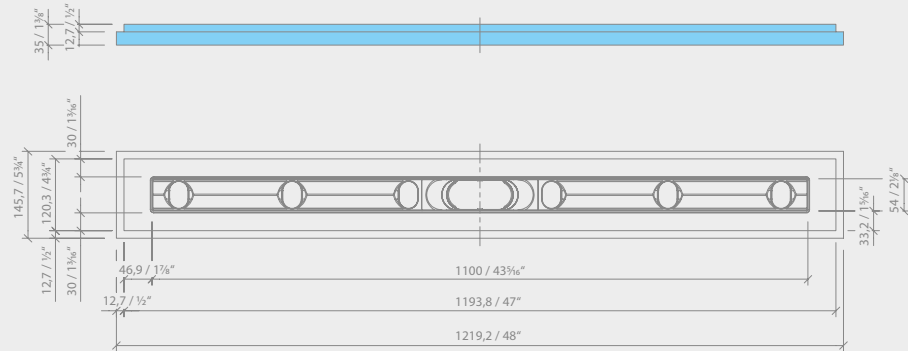
32" x 66 3/4"



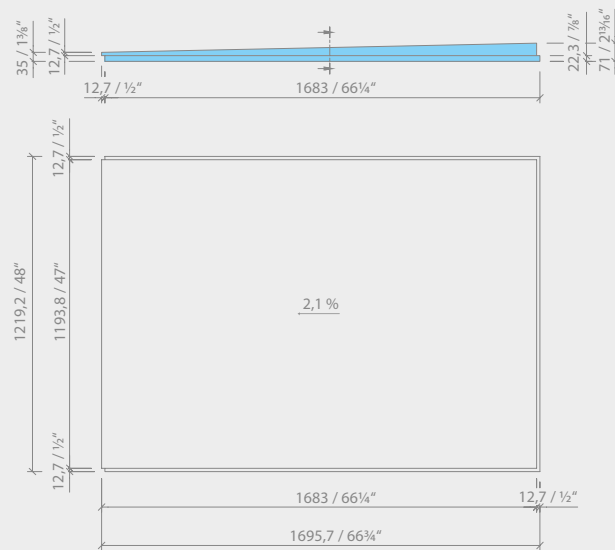
Fundo Riolito neo Modular | Shower Base, with Integrated Channel Drain



Fundo Riolito neo Modular, line module
48" x 5 3/4"



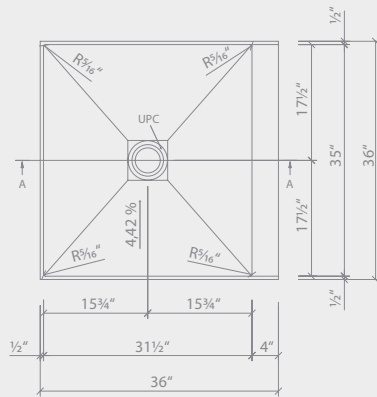
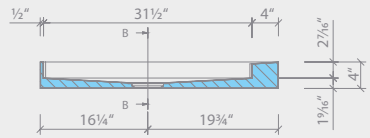
Fundo Riolito neo Modular, extension module
48" x 66 3/4"



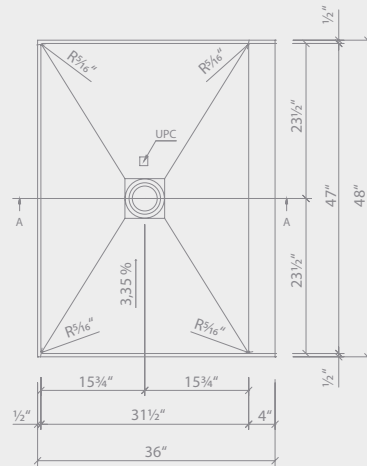
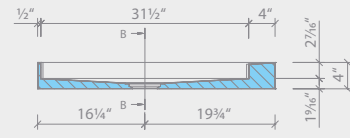
OneStep Shower System



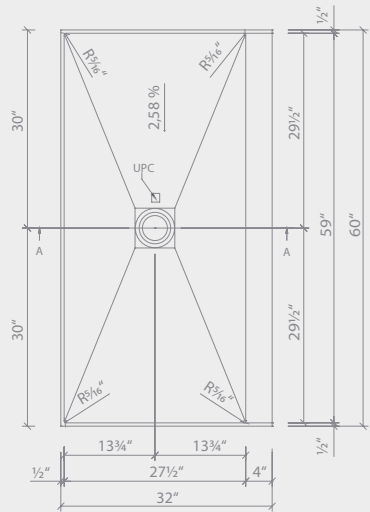
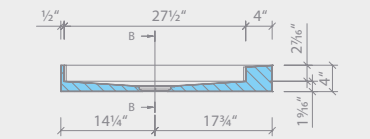
OneStep Shower Base, center drain
36" x 36" x 4"



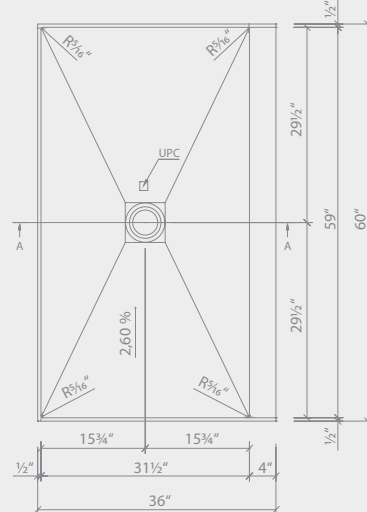
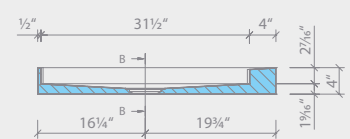
OneStep Shower Base, center drain
36" x 48" x 4"



OneStep Shower Base, center drain
32" x 60" x 4"



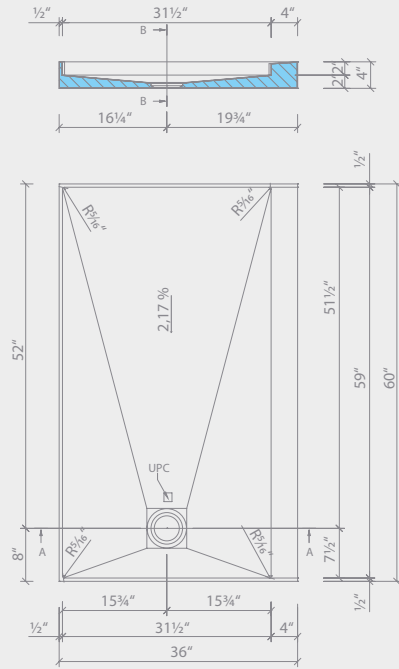
OneStep Shower Base, center drain
36" x 60" x 4"



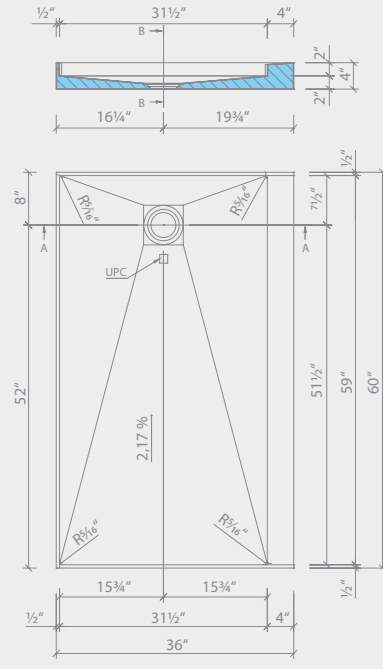
OneStep Shower System



OneStep Shower/Tub Replacement Base,
left drain, 36" x 60" x 4"



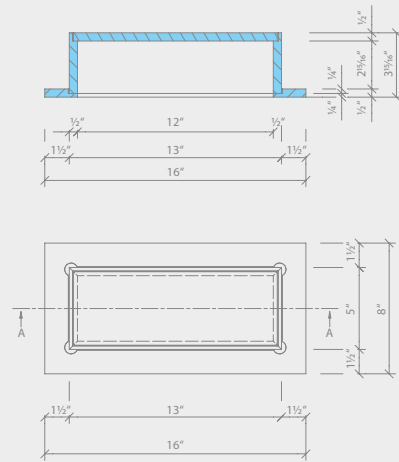
OneStep Shower/Tub Replacement Base,
right drain, 36" x 60" x 4"



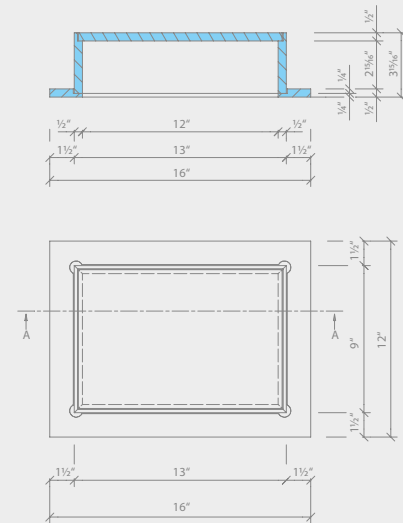
wedi Niche | Square Edges



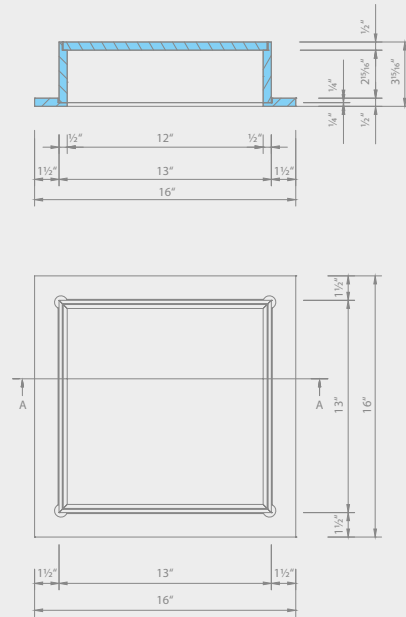
wedi Niche Square Edges
16" x 8"



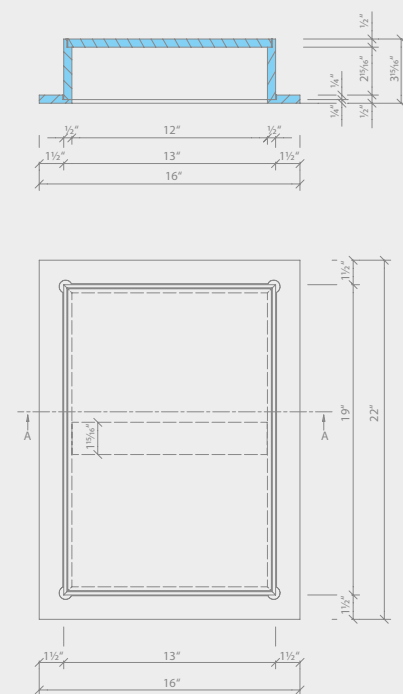
wedi Niche Square Edges
16" x 12"



wedi Niche Square Edges
16" x 16"



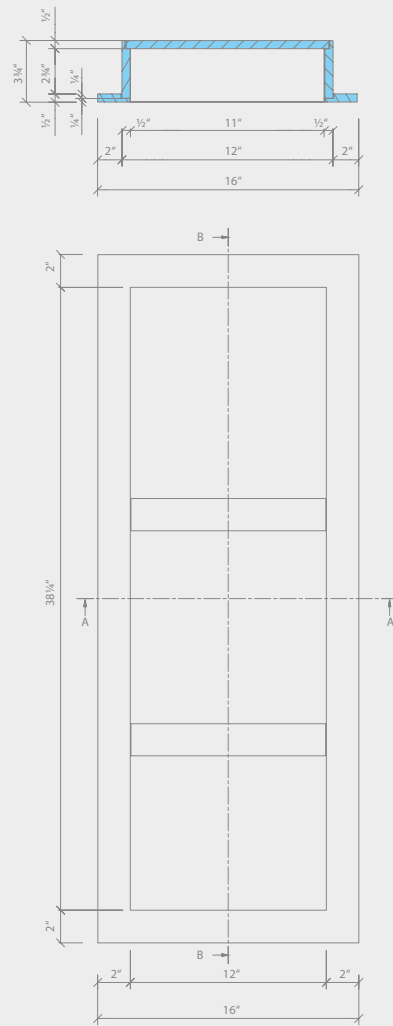
wedi Niche Square Edges
16" x 22"



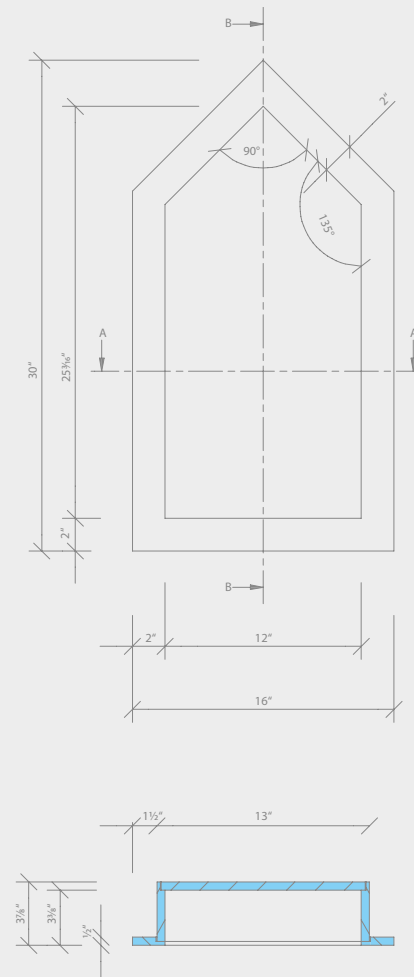
wedi Niche | Square Edges



wedi Lean Combo Niche
16" × 42"



wedi Cathedral Niche
16" × 30"





wedi Special Underlayment Systems and Installation Tools

wedi specialty products for special applications

On construction sites there are always special situations and applications or sudden changes in designs or planning. To service best, wedi designed several product systems which can often help with the installation of the traditional wedi Building Panel or Shower Systems.

They may help to address special situations when being integrated into wedi's foam based product systems. Or they can be used in areas close to wedi's scope of work and trade and are offered to build entire installations using product and warranty coverage out of one hand- sealed and signed by wedi.

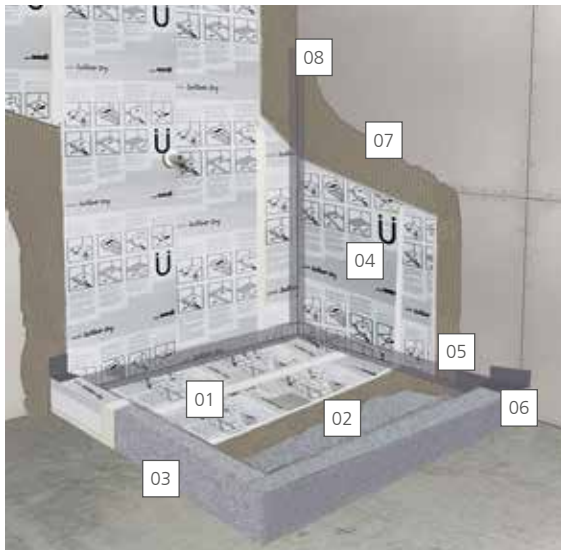


wedi Subliner Systems

The wedi products within the group of Subliner Systems offer specific benefits in installations and applications complementing our traditional wedi Building Panel and Shower Systems. Subliner Systems are Sheet Membrane products, each designed to provide sound and thin profile underlayments for tile. Each of them address specific needs including Subliner Dry for water and water vapor proofing over existing non waterproof backer boards such as cement boards.

wedi Subliner Dry

The wedi Subliner Dry System includes Subliner Dry Sheet Membrane, Sealing Tape, Prefabricated Outside and Inside Corner Tapes as well as various Sealing Collars to waterproof entire structures in especially shower and steam room construction. wedi Subliner Dry is well suited for sealing measures over preexisting wall or floor underlayment including drywall. Use Subliner Dry in combination with ceramic tiles, slabs, and natural cast tiles for indoor wall and floor areas. Especially strong performance in steam showers/rooms due to its unique Vapor Resistance rating of 0.09 WVTR/Perms as tested using ASTM E96, method E. The Subliner Dry is a strong membrane yet very pliable. Installation steps and measuring and cutting gridlines are printed on its surface for fast working.



Installation Over Mortar Bed Showers / On Walls and Shower Floor

- | | |
|---|----------------------------|
| 01 wedi Joint Sealant | 05 Inside Corner Seal |
| 02 Bonding Flange Drain | 06 Outside Corner Seal |
| 03 Mortar bed structure with curb | 07 Modified thinset mortar |
| 04 Subliner Dry membrane in modified thinset mortar attached to primed drywall construction | 08 Sealing Tape |

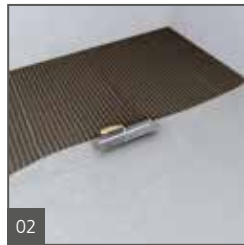


Subliner Dry

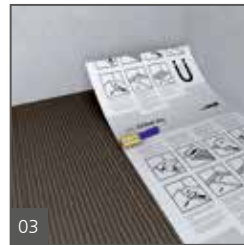
Installation on Floors or other suitable, non waterproof underlayments



01 Lay out wedi Subliner Dry and cut to size using a knife or scissors.



02 Apply thinset mortar to the prepared subfloor using a $1/8" \times 1/8"$ or $1/4" \times 1/4"$ notch trowel.



03 Insert wedi Subliner Dry with the printed side facing upward and press on with a rubber roller or wooden float.



04 The sheets must overlap 2" at joints/transitions. Apply a bed of thinset mortar with the flat side of the trowel onto the lower mat joint connection area and press flat.



05 Press on the overlapping area with a trowel or rubber roller. Remove any escaping mortar and air pockets. Cross joints should be avoided.




06 Apply a continuous $1/2"$ bead of wedi Joint Sealant along all seams and spread flat with a putty knife over the joints.



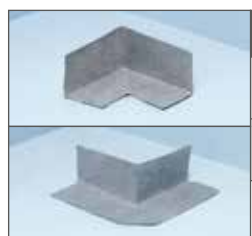
07 Start setting tile once the thinset mortar under Subliner Dry has sufficiently cured.

wedi Subliner Dry | Waterproofing and Crack-bridging Sheet Membrane

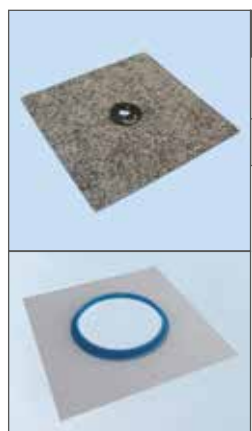
	Description	Width × Roll Length	Unit	Item #
	wedi Subliner Dry, waterproofing sheet membrane	39" × 16' (1 × 5 m)	1 roll	US5000001
	wedi Subliner Dry, waterproofing sheet membrane	39" × 98' (1 × 30 m)	1 roll	US5000005

 Flexible waterproofing membrane for medium and high exposure wet areas – for interior walls/showers and steam showers.

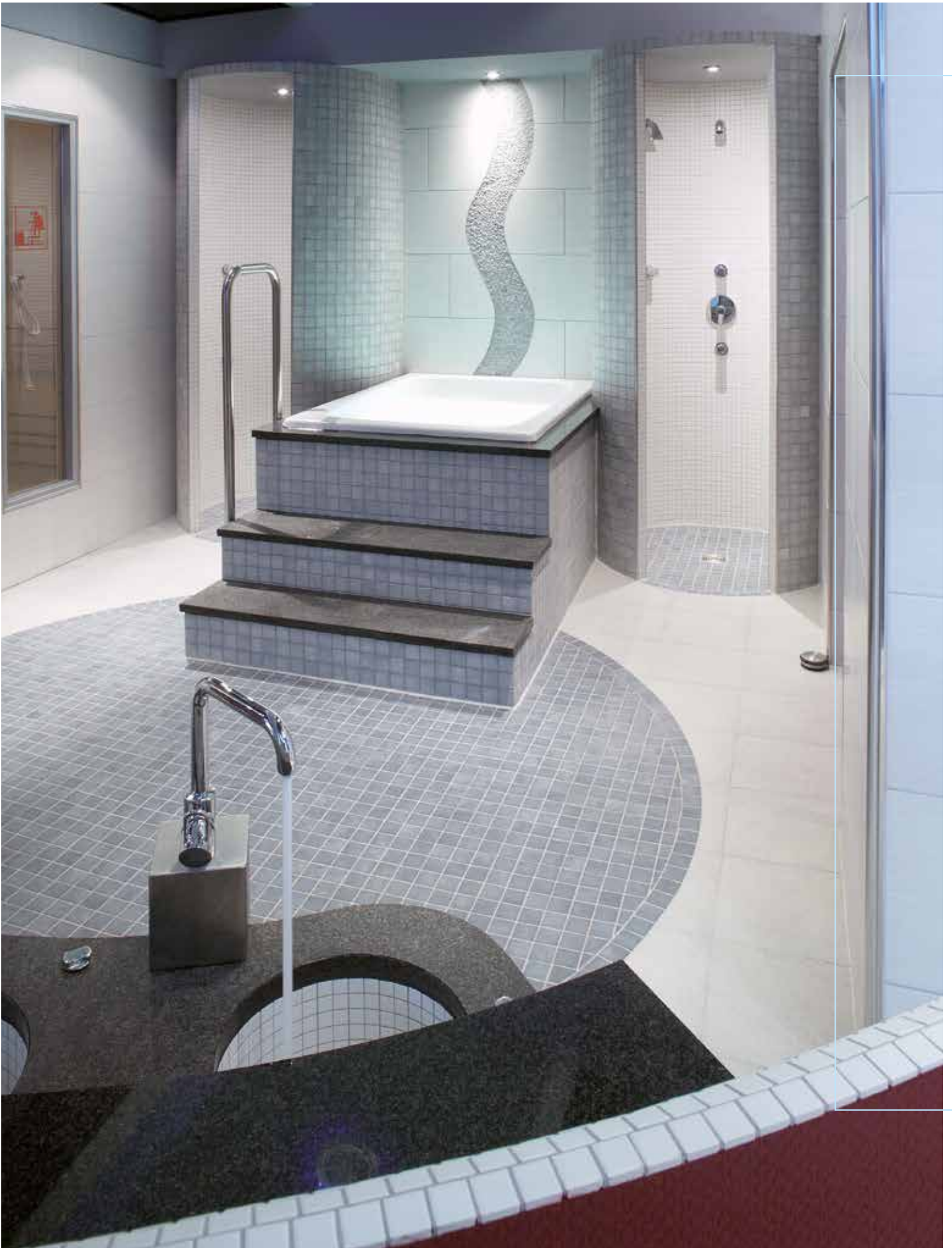
Subliner Dry Accessories | Corner Sealing Tape, Fleece Laminated

	Description	Dimensions	Unit	Item #
	Waterproof inside corner sealing tape, fleece laminated	4 3/4" × 4 3/4" × 2 1/4" (120 × 120 × 57.15 mm)	2 pcs	US5000007
	Waterproof outside corner sealing tape, fleece laminated	4 1/2" × 4 1/2" × 2 1/4" (115 × 115 × 57.15 mm)	2 pcs	US5000008

wedi Subliner Dry Sealing Collars

	Description	Dimensions	Unit	Item #
	Waterproof Sealing Collar for 1/2" to 3/4" plumbing pipes and protrusions	4 3/4" × 4 3/4" (120 × 120 mm)	1 pc	US5000033
	Valve Flexi Collar	Diameter 5" (127 mm)	1 pc	US5000000

For more detailed installation and product information, see our Technical Data Sheets (TDS) on www.wedincorp.com.



wedi Wellness and Spa System Solutions

Prefabricated Solutions for Wellness & Spa Areas:

wedi takes rejuvenation and relaxation to a whole new level in the bath. Our unique and elegant wellness elements create an unforgettable spa experience. There is no limit to the design possibilities wedi offers for a customized and peaceful bath.

- Complete custom made, modular steam room, rooms incl. shower floor, walls, ceiling, glass door and stainless steel frame. Any design possible, and many more options available
- Modular benches, loungers and design elements
- 100 % waterproof and vapor retardant – wedi XPS foam. Add wedi Vapor Barrier in Steam Shower/Rooms.
- Insulating properties reduce vapor transmission pressure and save energy
- No need for framework support
- Broad variety of standard products and limitless custom fabrication possibilities
- Fast, clean and efficient installation through full prefabrication of modules
- Create your dream of a wellness oasis in any place

wedi Sanoasa benches

Sanoasa benches are available in so many different designs, meaning that they can be built into almost any seating combination. Whether we are talking about benches, corner constructions or clean end solutions, once individually tiled, they set the scene in all bathrooms and wellness areas.

- **Sanoasa Comoda Benches:** Available in many different designs so you can create any seating combination you can imagine. This bench comes in two main versions. The first version comes with a seat area featuring a slightly lowering seat area towards the back rest to enhance comfortable use. The second version features a slope on the seat area providing a 1 % slope and water run off to the front of the seat. This version is often used in steam rooms and showers, making sure that water will run off the seat area and towards a floor drain. This design system is offered with corner elements or base units with a curved finish.
- **Sanoasa Bellina Benches:** These backless benches are ideal for creating a seamless & flush transition to any wall. It features a slope on the seat area providing a 1 % slope and water run off to the front of the seat. It is often used in steam rooms and showers, making sure that water will run off the seat area and towards a floor drain. This design system is offered with corner elements or base units with a curved finish.



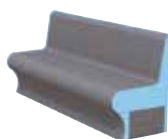
Comoda ▲



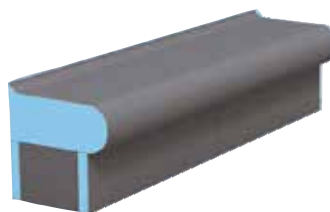
Bellina ▲



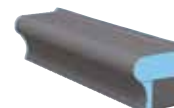
Comoda ▲



Comoda linea ▲



Bellina ▲



Bellina linea ▲



wedi Sanoasa loungers

The Sanoasa loungers stand out due to their original and unique shapes. They set individual accents in wellness areas in a variety of styles and designs and can be harmoniously integrated into the total room concept. Colours and formats can be combined to produce unique designs. Combined with an integrated heating system (hot water heating or electric heating) so that there is nothing to prevent total relaxation.

- **Sanoasa Lounger 1:** This model's long styling invites you to stretch out, relax and recharge. Its unique shape adds distinctive style to any bath.
- **Sanoasa Lounger 2:** Compact and comfortable – the pronounced design of the base offers diverse design options. Its optimal shape makes it the ideal wellness lounger for relaxed sitting.
- **Sanoasa Lounger 3:** Sleek, elegant and striking – this lounger makes a statement.
- **Sanoasa Lounger 4:** This lounger is simply stunning. The filigree design radiates serenity. Various components fuse together to produce a work of art.
- **Sanoasa Lounger 5:** Put your feet up, unwind and relax. This model boasts distinctive styling and features all the unique design elements within the Sanoasa series.



wedi Sanoasa Lounger 1



wedi Sanoasa Lounger 2



wedi Sanoasa Lounger 3



wedi Sanoasa Lounger 4



wedi Sanoasa Lounger 5

! Sanoasa Loungers are directly tileable. Tile in these pictures only shown for illustration purposes. Tile is not included in offering.



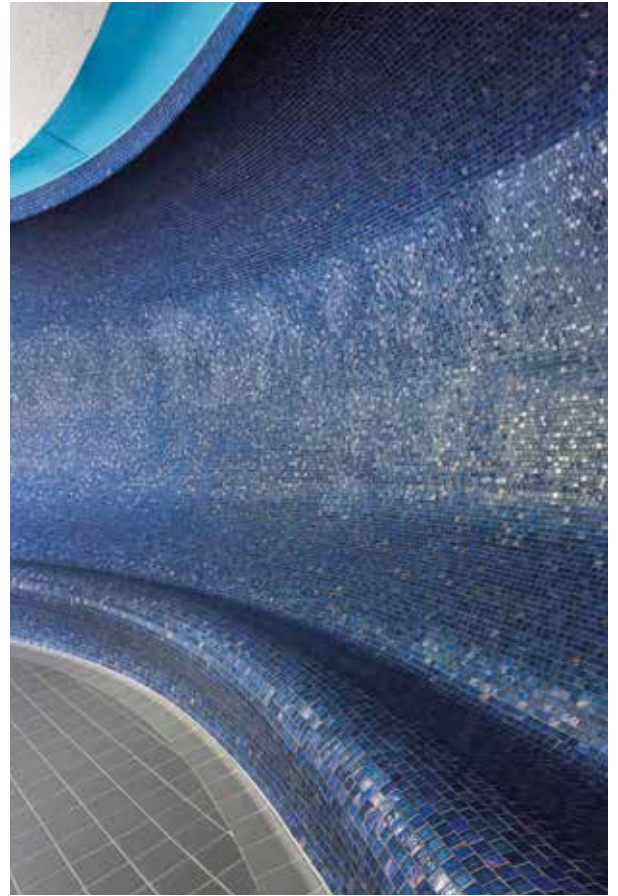


wedi Custom Wellness & Spa Design Solutions

Starting a new custom project, residential or commercial steam room? Do you need custom loungers? From idea to installation, you have our promise wedi will support you right from the start. The moment you contact us, our team springs into action. We generate custom CAD drawings based upon your ideas and plans. We produce custom products fabricated from impermeable extruded polystyrene foam material exclusively for steam showers and wetrooms. We test all the assemblies to ensure everything works flawlessly before we supply you with all the components, ready to install. We understand products are just part of the project. That's why we create and work in tandem with your lighting concepts, heating systems and preferred shower technologies.

wedi is at your side – in all areas, at all times.

- **Your idea** – As you envision your wellness concept, contact wedi and we can help bring your idea to life.
- **We plan together** – wedi provides integrated project planning to ensure all components, shower technologies, drains and supply pipes are incorporated into your vision and unified for proper performance.
- **Made-to-measure products** – With your approval, we produce solutions that fit your specifications and requirements perfectly. Then we assure the system measures up in terms of performance through to trial assemblies at our factory all prior to shipping.
- **On time delivery** – We deliver all prefabricated components on time and in their entirety, with complete step-by-step assembly instructions so you can take your idea and bring it to life!



Premium brand wedi

wedi Building Panel Applications

wedi Shower System Solutions

Underlayment Systems & Installation Tools

wedi Wellness and Spa System Solutions



Did you know?

Great quality installation results depend on not only having great products to use – the Know-How and Experience in how to use them is key too. wedi trained and certified all Baeumler Quality Construction installers in my team and now they fully know and appreciate what they can achieve with wedi.

This educational service is offered to all professional contractors of all trades and wedi's local Technical Sales Support Managers come out on site and install with you when you do your first wedi shower installation. Your peace of mind – at no charge. Just a call away!

wedi is a proud member of:



Certified wedi Installer



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www.facebook.com/wedicorp

wedi-quality and performance certified by:



Serving USA, Canada, Australia & New Zealand



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info@wedicorp.com

www.wedicorp.com

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