



wedi Fundo Shower Systems Installation Manual

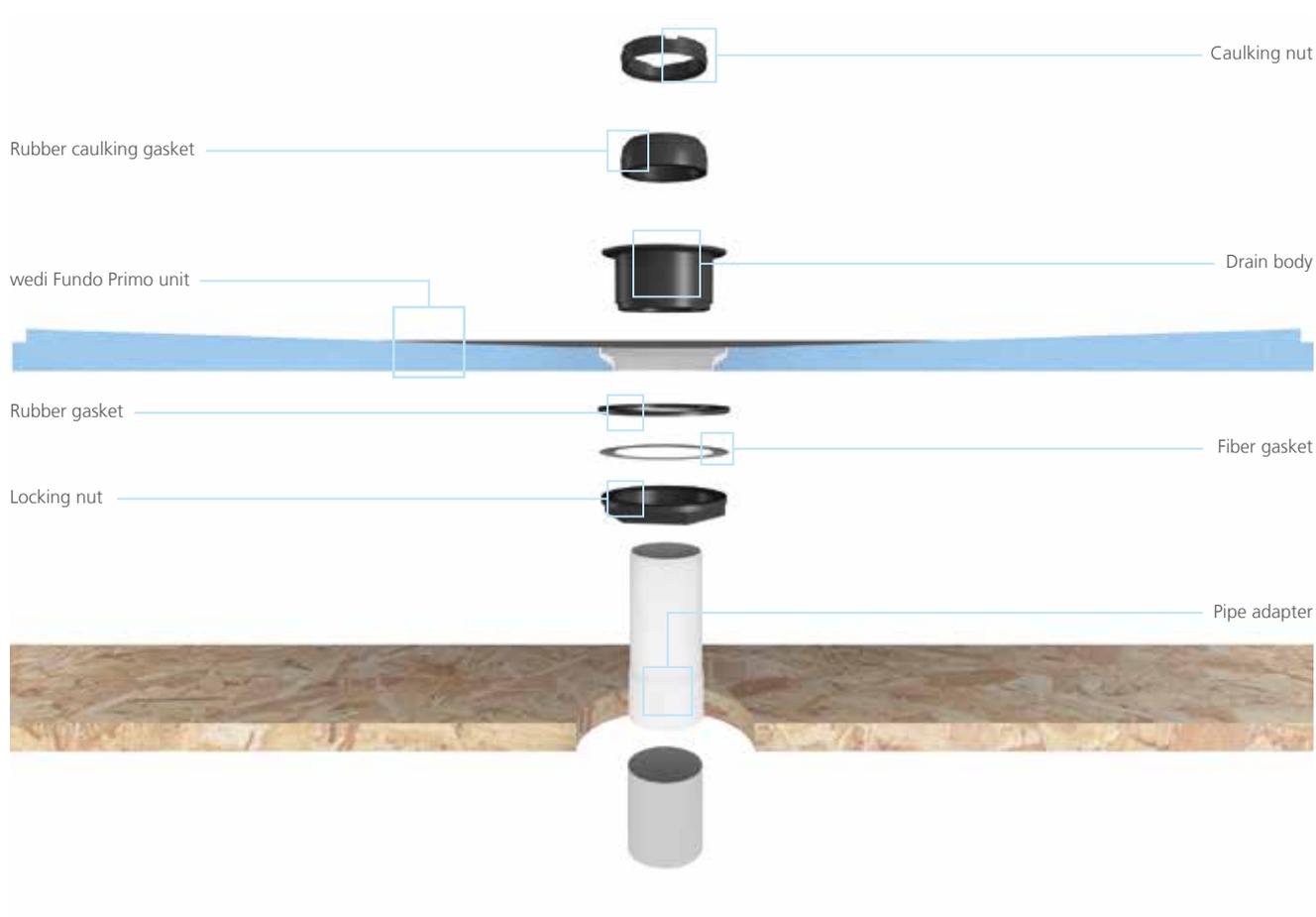


wedi Fundo Primo



Drain to Base Assembly

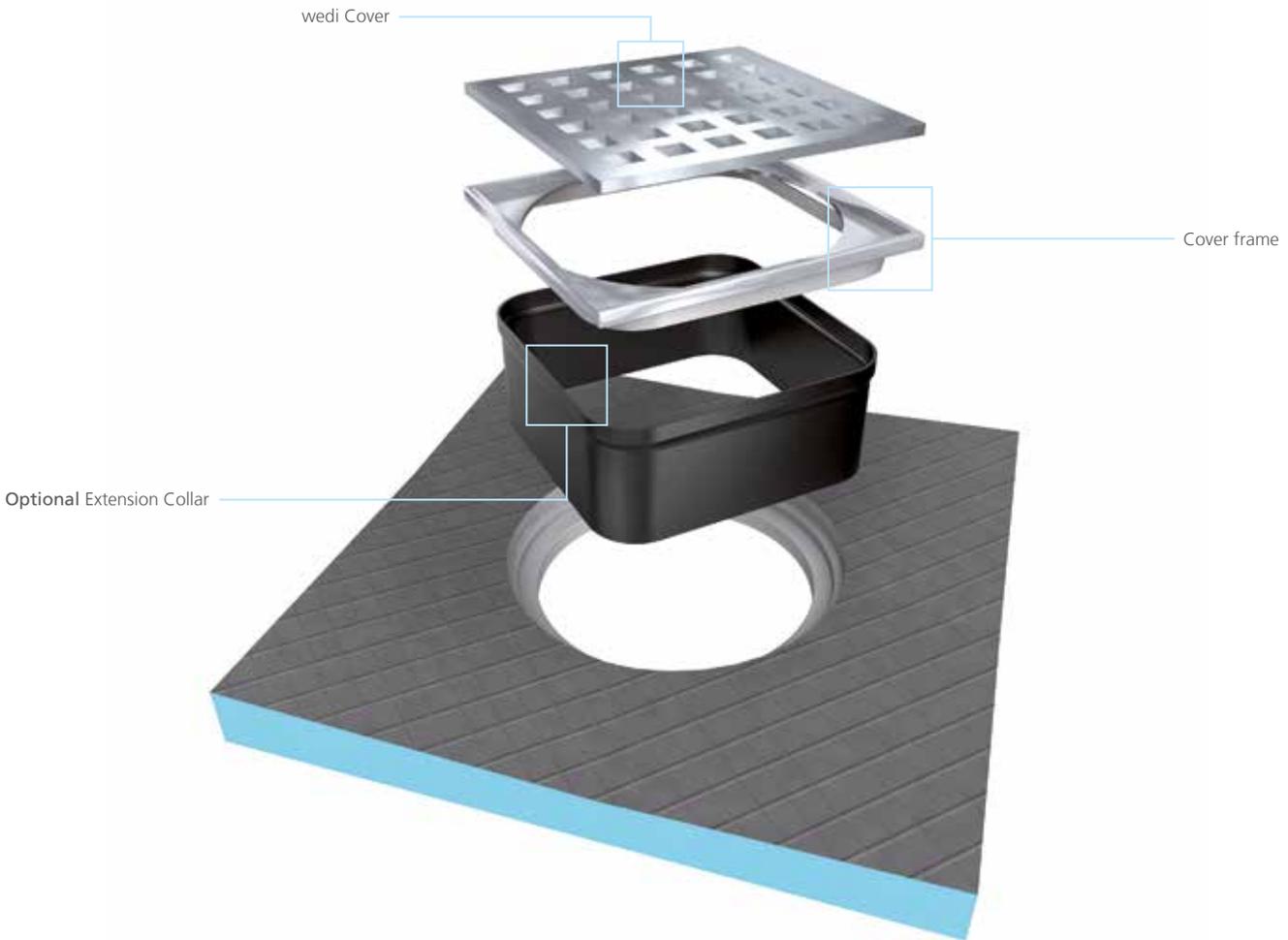
These added values and its detail perfections eliminate the technical concerns in shower installations. But this is not where wedi shower systems stop offering its added values: The wedi Fundo shower system adds to your productivity and enables you to provide real value to your customers: Our wedi Fundo Shower systems reduce the installation time for just the shower floor from a 2 day process (includes drying times) to only 30 minutes when compared to traditional methods built with mortar mix and topically applied liquid membrane. 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.



! Several Fundo Primo models naturally feature different perimeter height or thickness at the edge. Therefore, pre-made standard notch connections of wedi hobs 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 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.



Fundo Fino Cover Set 1.1
square (Daisy Design)



Fundo Fino Cover Set 1.1.2
Round (Daisy Design)

i Please note: A Drain cover has to be purchased separately and can be found in various different designs at www.wedi.com.au



wedi Fundo Primo Installation

Before Installation:

- Subfloor and wall framing construction meets applicable building code and is sufficiently loadbearing, even and free of contaminants.
- Cut the DN 50 floor waste pipe using an inside pipe cutter at least 40 mm below the top of your substrate.
- Make sure you use a PVC Primer and Glue for the Drain Adapter.
- Only wedi products (Building Panels, Hob, wedi 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 contaminants.



Cut the DN 50 floor waste pipe at least 40 mm below the top of the floor surface. Make sure that the cut out fits to the Fundo panel drain. Cut out a 130 mm diameter hole around the DN 50 pipe to allow the wedi drain to be inserted into the subfloor while the cut out area must remain free of deflection. Glue the Adapter to the DN50 Pipe so that the Adapter is sticking out of the subfloor.

Cut the Adapter flush to the floor construction. Make sure that the cut out fits to the Fundo panel drain.

Assemble the drain unit following the instruction drawing.



Set up a continuous 5 mm bead of wedi Joint Sealant along the channel in wedi Fundo's drain flange receptor.

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.

Trowel the thinset and comb through with a 10 x 10 mm notched trowel. Channels pointing to the entrance.



08 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).



09 Set up the rubber caulking gasket (with the bevelled side up) around the 50 mm pipe in the subfloor. The rubber gasket must be flush with the upper end of the 50 mm ABS or PVC pipe.
Do Not use any Lubricants.



10 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.



11 Set up a continuous 10 mm 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.



12 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 300 mm above the base and at a rate of 1 fastener per 300 mm. One extra fastener is set into the seam to the next panel to create a flush transition.



13 Apply continuous 10 mm 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 10 mm bead of sealant and spread flat. The seams should be covered 25 mm on either side of seam. All fastener/washers are covered with sealant stretching 25 mm over the washer edges.



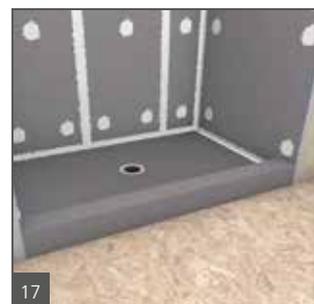
14 wedi Niches are installed in a cut out in the wedi wall and attached with it's flange right into the center of 450 mm studs. wedi Joint Sealant is set along the connection of wall to niche.



15 2 Fasteners each side of the niche are set to create a flush transition to the wall panels. Another 10 mm bead of wedi Joint Sealant is spread over fasteners and seams.



16 A continuous 10 mm bead of sealant is set into the channel and along the vertical hob notch part. A circle of 10 mm sealant bead is set against the wall panels where the hob attaches. A 10 x 10 mm notch trowel bed of thinset mortar is applied to the sub-floor and a skim coat on the bottom surface of the hob as a best practice. The tightly fitting hob is pressed into the connection area.



17 Weight is applied on and against the hob (from outside) and another 10 mm bead of sealant is applied over all hob seams and spread flat. The seams must be covered 25 mm either side of a seam.

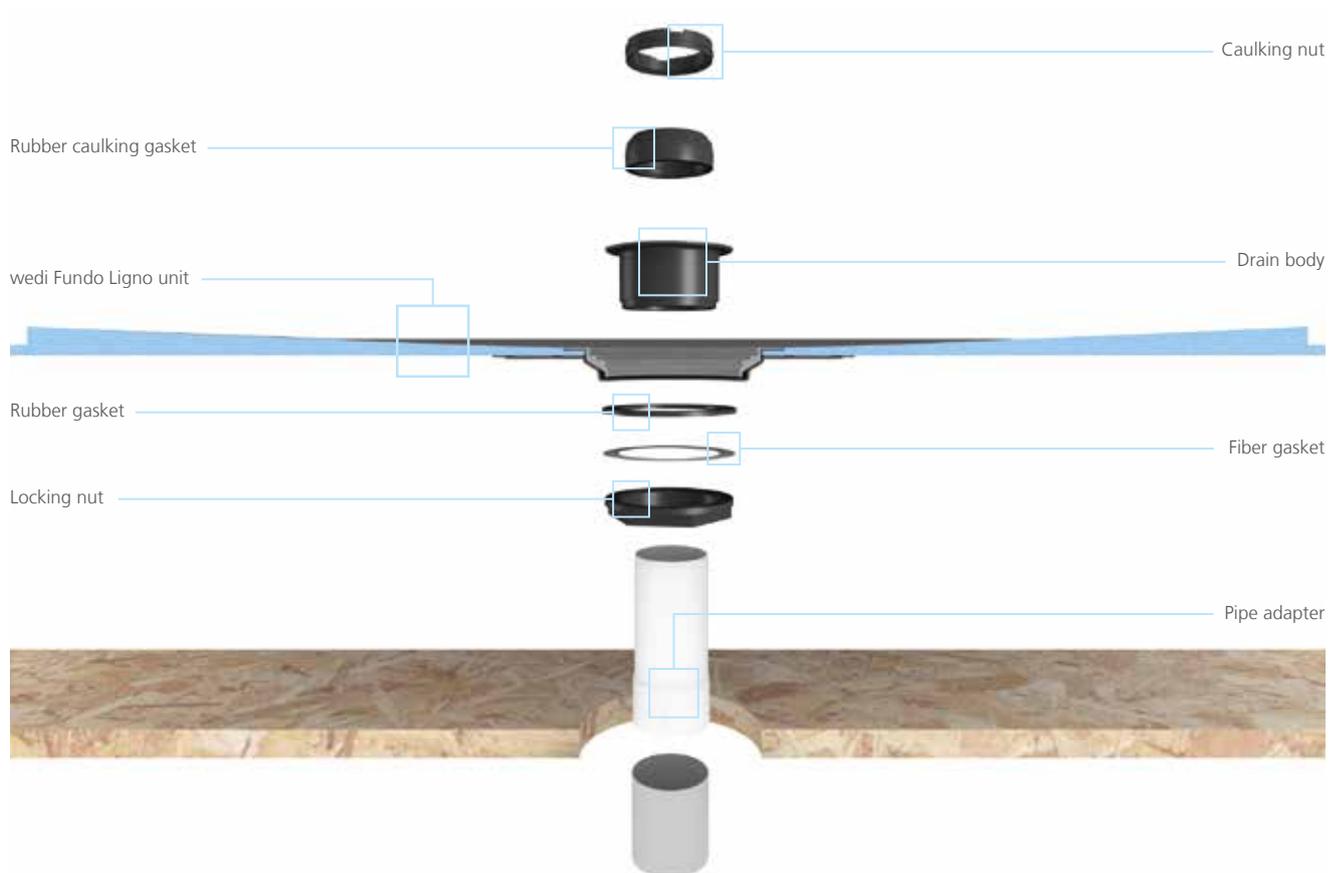
! Hob connection notches must be cut to fit select Primo bases with perimeter thickness higher than 38 mm. For a fully waterproofed installation please install wedi sealing gaskets for mixing valve and shower head cut outs.

wedi Fundo Ligno



Drain to Base Assembly

wedi Fundo Ligno is designed to provide for a low profile base thickness of only 19 mm. 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 hob. 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 customisable, and covered by wedi's full system warranty.





wedi Fundo Ligno Installation

Before Installation:

- Subfloor and wall framing construction meets applicable building code and is sufficiently loadbearing, even and free of contaminants.
- Cut the DN50 floor waste pipe using an inside pipe cutter minimum 56 mm below the current substrate.
- Make sure you use a PVC Primer and Glue for the Drain Adapter.
- Only wedi products (Building Panels, Hob, wedi 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 contaminants.
- Do not cut the wedi Fundo Ligno more than 150 mm on either side and make sure your Z notch channels are never lower than 6 mm deep with a minimum 6 mm thick horizontal channel part remaining.



Cut 20 mm plywood base out fitting the space of wedi Fundo Ligno. Safely install blocking along floor joists apprx. 20 mm below top of 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 20 mm 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 20 mm 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 DN50 pipe is cut square and even at minimum 56 mm below the recessed subfloor top surface. The pipe adapter is cut even at 16 mm below the recessed subfloor top surface.



Connect the wedi adapter to the floor pipe using the appropriate PVC cement glue. Make sure that the Pipe Adapter is cut even and square 16 mm below the recessed subfloor top surface. Make sure the round cut out in the floor allows for the full recess of the wedi drain body attached to the Fundo panel.



Assemble the drain unit following the instruction drawing.



04

Set up a continuous 5 mm bead of wedi Joint Sealant along the channel in wedi Fundo's drain flange receptor.



05

Drop the drain body firmly into the sealant.



06

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.



07

Trowel the thinset and comb through with a 10 x 10 mm notched trowel. Channels pointing to the entrance.



08

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).



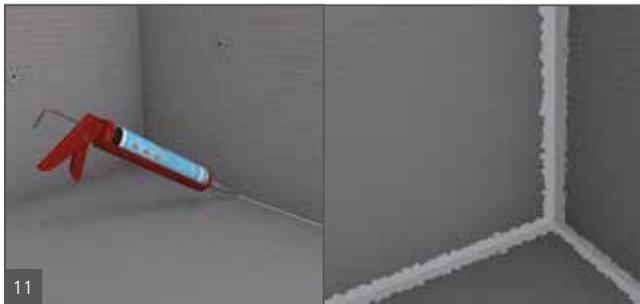
09

Set up a continuous 10 mm 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.



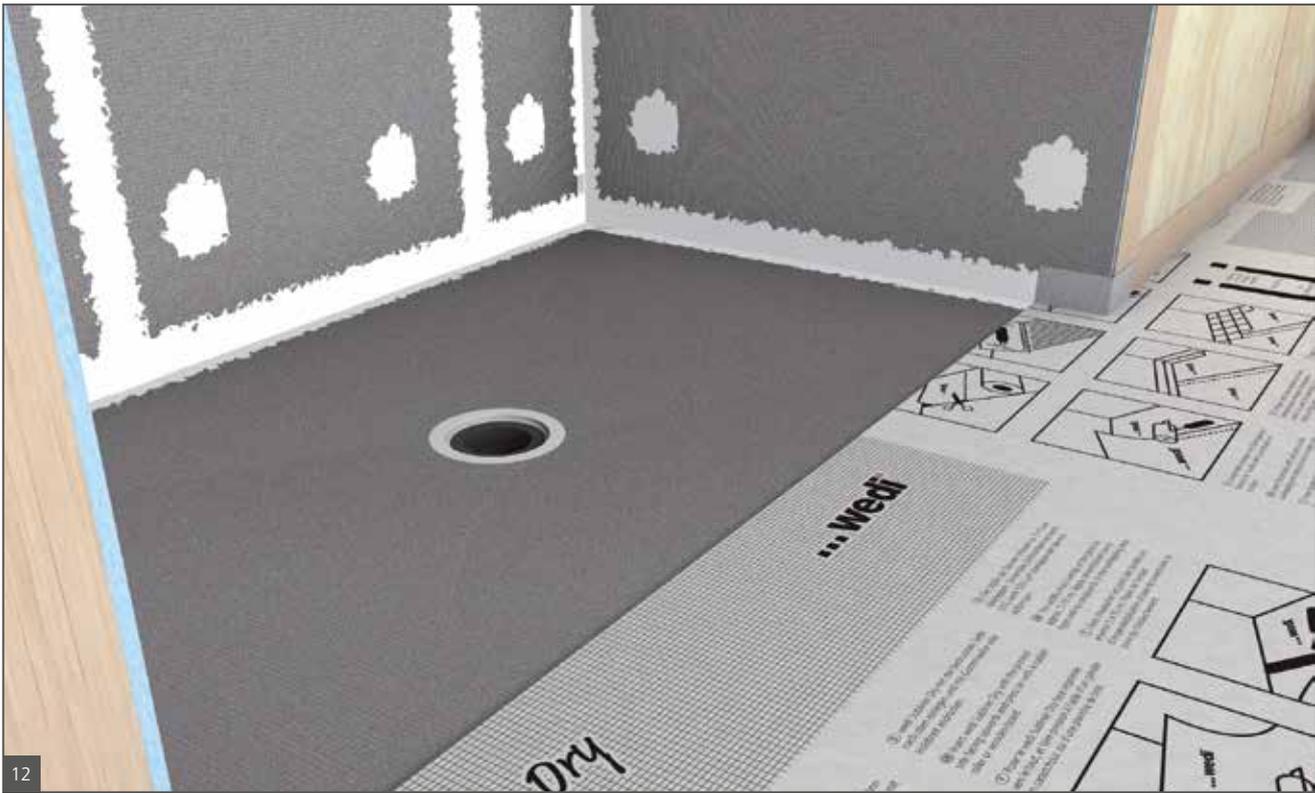
10

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 300 mm above the base and at a rate of 1 fastener per 300 mm. One extra fastener is set into the seam to the next panel to create a flush transition.



11

Apply continuous 10 mm 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 10 mm bead of sealant and spread flat. The seams should be covered 25 mm on either side of seam. All fastener/washers are covered with sealant stretching 25 mm over the washer edges.



12

Apply a modified thinset across the wood or cement board floor surface and now apply wedi Subliner Dry Sheet waterproofing membrane overlapping into the Ligno base for 100 mm. Apply wedi's prefabricated outside or inside sealing tape corners and sealing tape as a flashing to the wedi wall panels/Ligno and Subliner dry sheets as applicable.

All seams and ends of the Subliner Dry sheets are covered with a 10 mm 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 6 or 10 mm 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 10 mm 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.

! For a fully waterproofed installation please install wedi sealing gaskets for mixing valve and shower head cut outs.

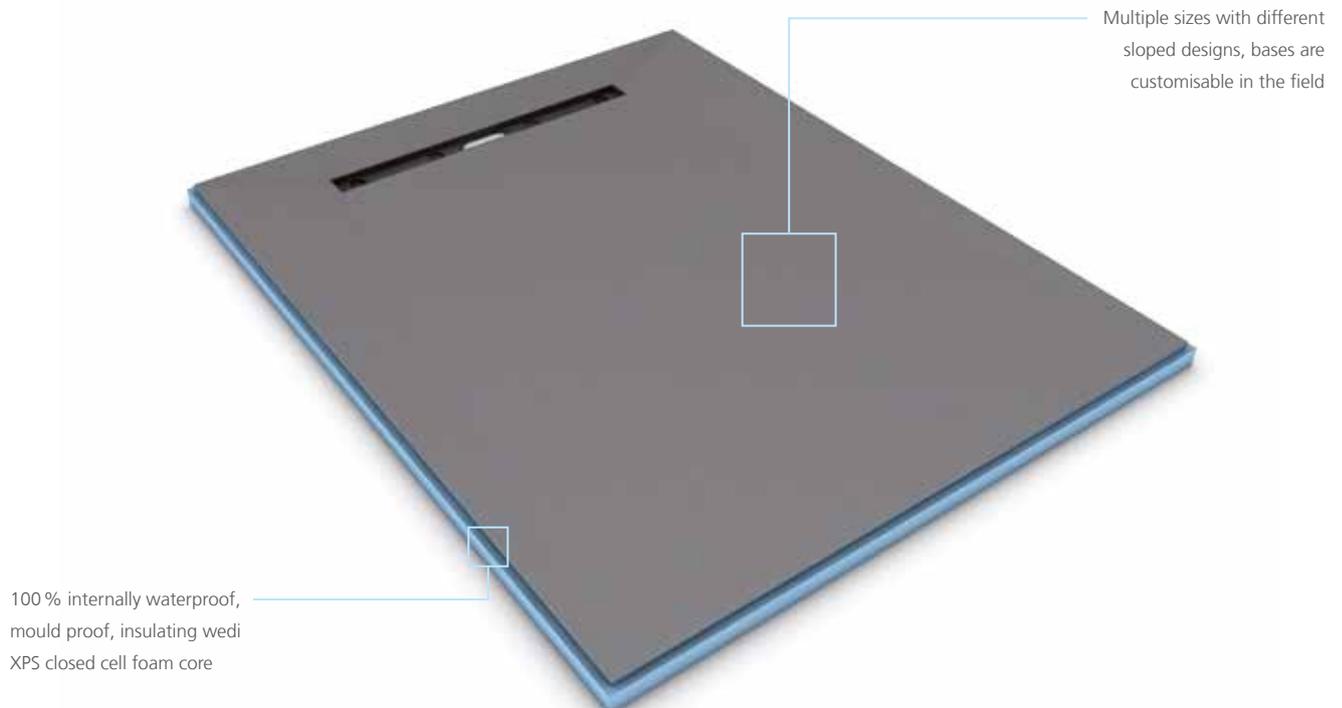
wedi Fundo Riolito neo



Linear Drain Shower Floor Solutions

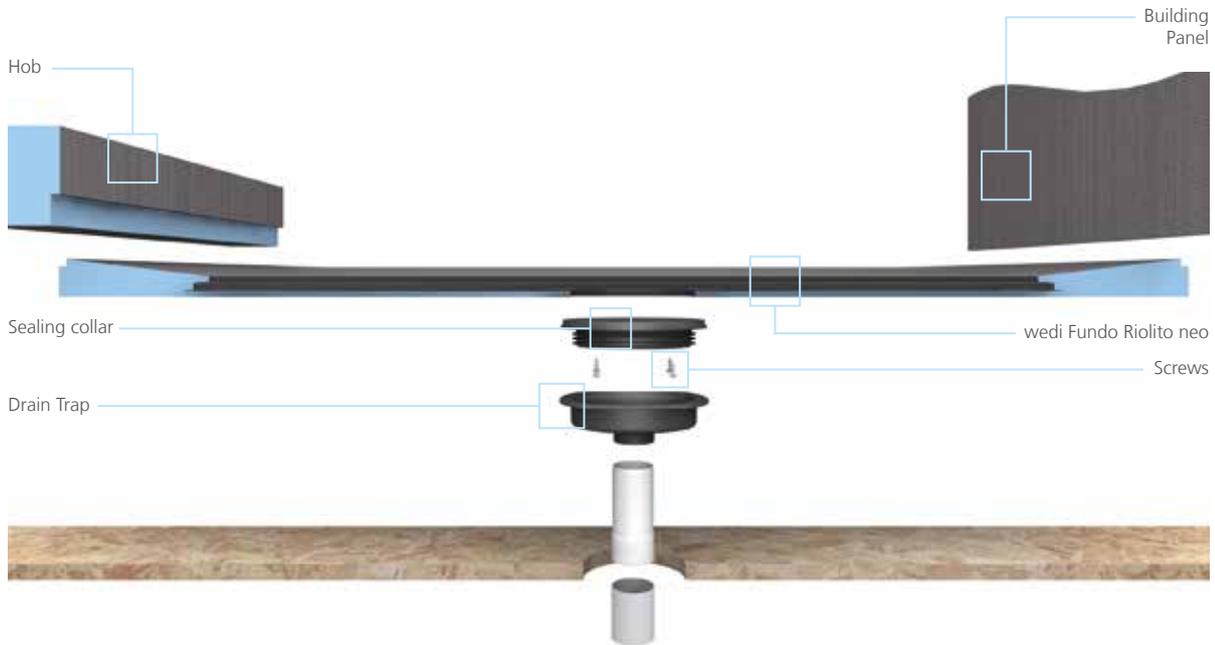
wedi's pre-sloped shower bases Riolito neo feature fully factory sealed and integrated linear drainage systems. The base itself is naturally waterproof as well as mould proof, due to its closed cell XPS foam core. The Riolito neo bases come with the wedi typical strong and ready for tiling surface coating. 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.



Drain to Base Assembly

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.



! 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 hobs 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.

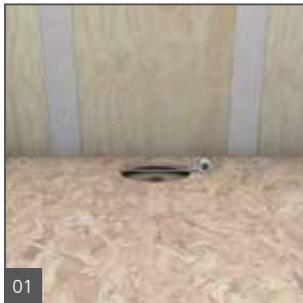




wedi Fundo Riolito neo Installation

Before Installation:

- Subfloor and wall framing construction meets applicable building code and is sufficiently loadbearing, even and free of contaminants.
- Cut the DN 50 Floor waste pipe minimum 70 mm below the top of the floor surface.
- To have the Type N solvent cement primer and glue for our ABS drain trap
- Make sure to use a PVC primer and glue for the Adapter.
- Only wedi products (Building Panels, Hob, wedi 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 contaminants.



01

Cut DN 50 pipe minimum 70 mm below the top of the Subfloor. Use the oval shape cutting template to cut subfloor using a jigsaw. Position the oval template according to the position of the Riolito model's predetermined position of its drain location, relative to the squared wall framing...



02

... 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.



03

Cut the Adapter 32 mm below the subfloor surface. Make sure that the cut out fits to the Fundo panel drain.



04

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. If you are using a 12.5 mm wedi Building Panel, the channel at the new base perimeter must be reestablished to 12.5 x 12.5 mm. When cutting close to the drain channel always leave enough wedi foam for re-making the needed 10 x 10 mm channel.



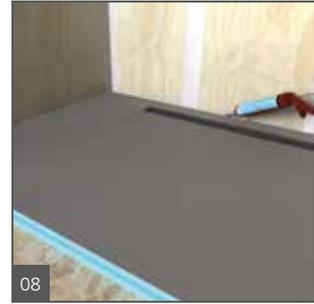
05
Glue and seal the wedi drain trap to the DN 50 pipe. Mount the sealing collar to the wedi Riolito neo underside counterpart using a manual phillips screwdriver.



06
Apply a skim coat and finally a combed thinset through bed of a thinset using modified thinset and a 10 x 10 mm notch trowel.



07
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).



08
Set up a continuous 10 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.



09
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 300 mm above the base and at a rate of 1 fastener per 300 mm. One extra fastener is set into the seam to the next panel to crate a flush transition.



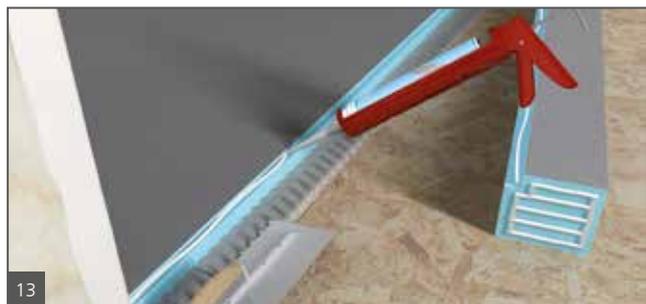
10
Apply continuous 10 mm beads of sealant between all connections of panels and install with tightly butted seams. Excess sealant must be spread flat with a putty knife. All seams and fastener heads in the assembly are covered with a secondary 10 mm bead of sealant and spread flat. The seams should be covered to 25 mm on either side of seam. All fastener/washers are covered with sealant stretching 25 mm over the washer edges.



11
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 sealant is set along the connection of wall to niche.



12
2 Fasteners each side of the niche are set to create a flush transition to the wall panels. Another 10 mm bead of wedi sealant is spread over fasteners and seams.



13
A continuous 10 mm bead of sealant is set into the channel and along the vertical hob notch part. A circle of 10 mm sealant bead is set against the wall panels where the hob attaches. A 10 x 10 mm bed of thinset mortar is applied to the subfloor and just a skimcoat on the foam bottom part of the hob as a best practice. The tightly cut to fit hob is pressed into the connection. Weight is applied on and against the hob (from outside) and another 10 mm bead of sealant is applied over all hob seams and spread flat. The seams must be covered 20 – 25 mm either side of a seam.

! Hob connection notches must be cut to fit select Riolito neo bases with perimeter thickness higher than 40 mm. For a fully waterproofed installation please install wedi sealing gaskets for mixing valve and shower head cut outs.



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!



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Be sure to ask for:
Certified wedi Installer.

Your local wedi distributor:

