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 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 it’s 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.
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 PVC drain provided with each Fundo Primo base.

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 – 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.

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.
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 subfloor. 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” 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 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.

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.

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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 3/4-1 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. 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.