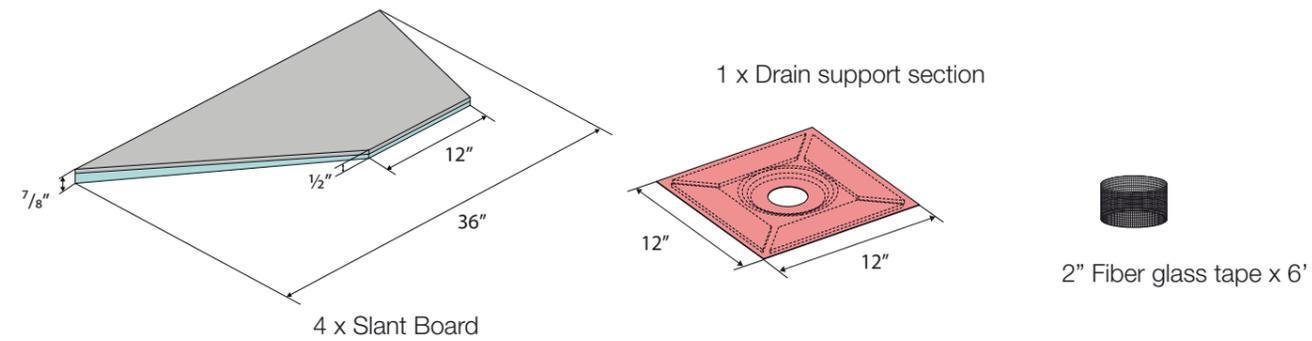


Evo Slant - SQUARE

Pre-sloped shower base Kit for center shower drains

Contents:

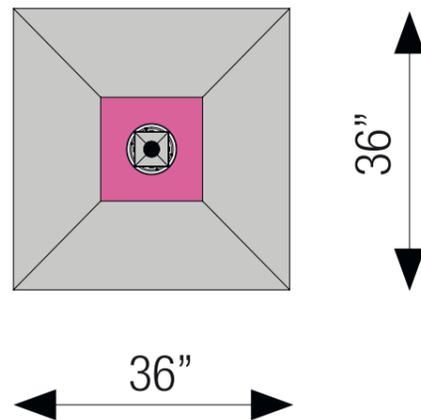


The *Evo Slant drain support* section is designed to be installed with clamping ring type drains.

Laying options:

To build a 36" x 36" square shower with center shower drain.

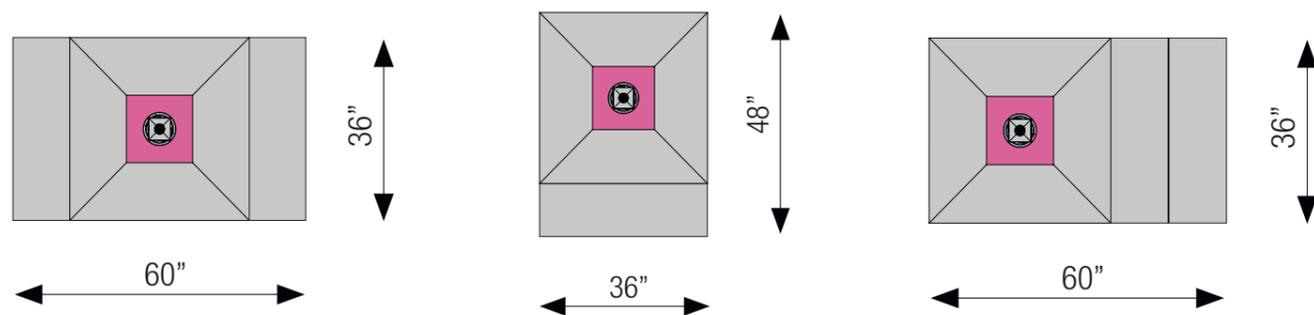
1" Minimum installation height (before waterproofing and tile installation)



Possible installations with Evo Slant Extension KIT.

To build a rectangular shower up to 36" x 65" whether center or off-center drain

1-3/16" minimum installation height (for 36" x 65" shower before waterproofing and tile installation)



Installation steps

1. Prepare the shower area for installation.

Check and prepare the surface. Surfaces shall be structurally sound, stable, clean, flat, level and smooth.

The Evo Slant must be fully supported. It cannot span joists. Do not use over dynamic expansion joints, structural cracks or cracks with vertical differential movement.

Frame shower walls, a curb or a recess in the floor for curbless shower. Install wall board, follow the manufacturer's instructions for fasten and treating seams. The wall board must sit behind the Evo Slant elements.

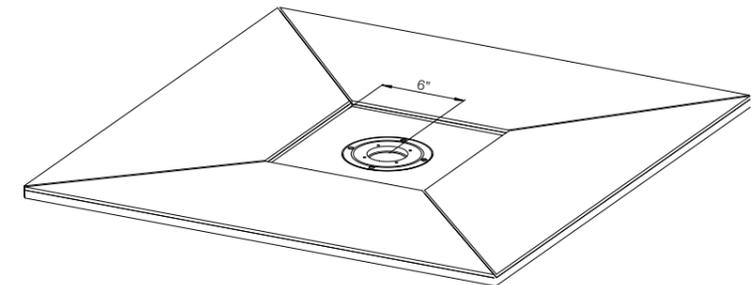
Install the floor drain body if not already installed. Follow the manufacturer's instructions. Subdrain flange must be flush to subfloor to get the lowest installation height..

Check local building codes to assure that your shower meets requirements.

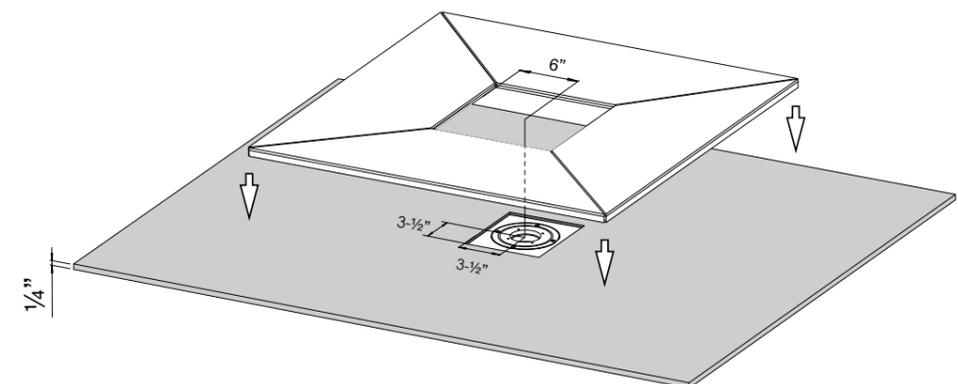
2. Dry-fit all of the components prior to securing to the subfloor.

Place the drain strainer body in its lowest position according to desired alignment of drain grate to check the grate height and mark off the sloped sections location.

- To install with the Guru EVOLUX drains or with any other drain lower than 1/2" in height, the Evo Slant sloping sections have to be placed 4 ways slope with the thinner edge 6" away from the center of the drain.



- To install with Guru EVOLUX INTEGRA model drains or with any other drain higher than 1/2", an additional 1/4" thick standard backer board is required to raise the sloping sections vertically for a correct fit. Install backer board in all the shower floor 3-1/2" away from the center of the drain. The Evo Slant sloping sections have to be placed above with the thinner edge 6" from the drain center.



Leave a minimum of 1/4" gap at walls. If any Slant board needs to be adjusted to fit the shower area use a circular saw to cut it to the proper dimensions.

3. Fix all of the elements.

Evo Slant elements should be bonded to substrate with modified thin-set mortar.

Start with the Evo Slant sloping boards.

Apply modified thin-set mortar to the substrate and comb parallel to linear drain using a 1/4"x1/4" sq-notched trowel

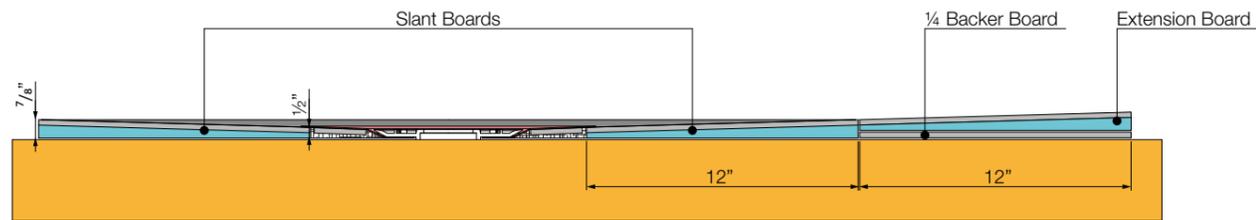
Set the Slant boards side by side with the thin edge towards the drain forming a square. Firmly embed the boards into the mortar to achieve complete coverage. Check pan for level set on floor.

If you are installing in wooden subfloor the Evo Slant boards can be fastened by CBU screws every 8 inches on center through the field and within 1" of the perimeter edges. Ensure that your fasteners are installed slightly countersunk. All screw heads should be covered with thinset.

Fastening is not required for concrete floors. Apply some weight (thin-set bag, tile box...) equally across pan for 30 minutes.

To extend the sloped area out further, install standard 1/4" backer board under the next sloping board row to raise it vertically for a correct fit.

The Evo Slant Square kit sloping boards have a codes compliant uniform slope. Its thicker edge is 7/8" thick and tapering down to 1/2" at the opposite edge. A constant slope can be created by installing a 1/4" thick backer board and then another sloping board on top, which bonded with thin-set as indicated above would then reach a total height of 7/8" at thinner edge so it can be butted up to the first one.



Fill all joint gaps with mortar, then place provided 2" fiber glass mesh tape on the joints and embed with mortar, ensuring tape is fully covered.

After all the Slant boards have been set, set the Evo Slant drain support section.

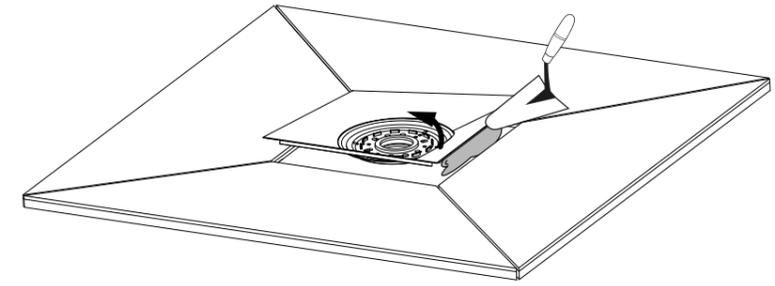
Remove clamping ring, bolts and the Evo Slant drain support section.

Apply 2 beads of Urethane or MS polymer sealant around the drain hole opening to seal between the subdrain flange and the underside of the Evo Slant drain support.

Apply modified thin-set mortar to the substrate and spread it from the sealant out using 1/4"x1/4" sq-notched trowel.

Lay the Evo Slant Drain Support into the fresh bonding material making sure to align it properly. Reset the drain clamping ring and tighten clamping ring bolts.

Fold up the side jointed segments, add a small amount of modified thin-set mortar to fill the gap underneath. Fold down and and press firmly into the mortar to be even with adjacent sloping boards and ensuring that the installation is void free.



4. Time to apply waterproofing!

Now you have a solid pre-sloped shower base with a watertight connection to drain and compatible with any approved shower waterproofing system.

We strongly recommend install Guru EVOLUX shower drain and waterproofing systems and WATER-STOP membrane. Follow the product instructions for installation.

Install waterproofing in accordance with manufacturer's instructions.

To ensure a waterproof installation with liquid waterproofing membrane treat the seams and screw heads. Apply continuous 1/2" beads of MS polymer or Urethane sealant covering all seams and screw heads in the assembly. Smooth out sealant using a putty knife and spread flat sealant stretching 1" on either side of seam and 1" over the fastener edges.