

## Single Slope Shower Pan Installation Guide

### Before Installing your HYDRO-BLOK Shower System

If the edge of the shower pan is higher than the floor plate 2" x 4" on any side, another 2" x 4" must be installed on top of the existing floor plate between each wall stud. This provides the wallboard with the necessary support needed at the shower pan joint.

The subfloor must be solid, level and properly constructed to meet deflection standards. For wood floors, joists must be 16" OC with ¾" T & G plywood or equivalent glued and screwed.

Perform a final floor and wall measurement check to ensure all walls are square and make any adjustments required BEFORE installing your HYDRO-BLOK shower system. Clean the shower pan install area of any dirt, dust or debris.

All HYDRO-BLOK Single Slope Shower Pans need to be installed using modified thinset.

#### Included in your HYDRO-BLOK Shower Pan box are

- 2" Wide mesh tape (for final shower pan joint)
- Straight and corner putty knives

### Installation Tools and Materials Required

- 5 Gallon plastic bucket and drill with mixing paddle for thinset
- Modified thinset
- Professional notch trowel (minimum ¾" x ¾" square notch)
- 7 ¼" Circular saw and hand saw with small teeth
- Tape measure / Level / Utility Knife / Pencil or Marker
- 4' to 6' Straight edge or similar square
- 2" Masking tape or duct tape
- Cleaning supplies (we recommend paper towels, citrus wipes, rags, dust pan and brush)

**IMPORTANT:** Please read all related installation guides before installing your HYDRO-BLOK Shower System! Contact your local dealer if you have any questions regarding the installation process.

This installation guide is to be used exclusively for the installation of HYDRO-BLOK Single Slope Shower Pans with an Ebbe America INNI® Linear Drain system.

When installing your shower pan, ensure that your installation meets all local building codes for proper slope. Either the shower pan or your tile or stone installation can be adjusted to meet any local requirements.

**STEP 1**

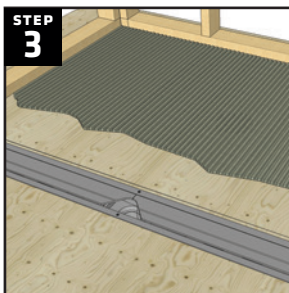
Measure the area where the shower pan and linear drain will be installed to determine if the pan must be cut to size. We recommend leaving a ⅛" space between the pan edge and the framed wall.

See the reverse for details on cutting a shower pan to size.

**STEP 2**

Dry fit the shower pan on the subfloor. Ensure all sides of the shower pan fit comfortably to the walls. DO NOT try to force the shower pan into its location.

**STEP 3**

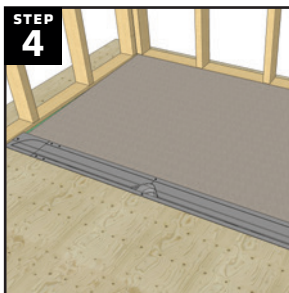


Mark a line on your subfloor 1" from the edge of the linear drain body. Apply modified thinset to the subfloor starting at the back of the shower area, troweling towards the front and stopping at the marked line.

Ensure the trowel lines are pointing to the front of your shower pan. This will ensure there will be no air voids in the installation. DO NOT cross channel trowel lines or air can not escape.

Apply a ¾" bead of joint sealant along the entire back edge of the drain body and an additional ¾" bead on the subfloor.

**STEP 4**



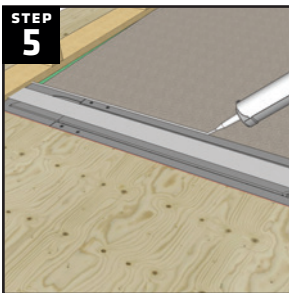
Apply thinset to the back of your shower pan using the smooth side of a trowel.

Place the lower front edge of the pan onto the subfloor between the joint sealant and the thinset. Then slowly lower the back of the pan into place.

Press the pan into place by walking on the shower pan. Use a level to check the slope to the drain edge.

Leave any excess joint sealant along the pan/drain seam in place.

**STEP 5**

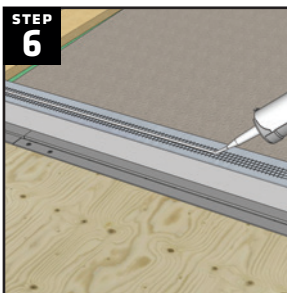


Use masking tape or duct tape to mask off the entire drain opening 1 ½" from the rear edge of the linear drain body to ensure no sealant enters the drain.

Apply an additional ½" bead of joint sealant along the seam between the shower pan and the linear drain body.

Use a flat putty knife to smooth out the all the joint sealant so there is at least ¾"

**STEP 6**

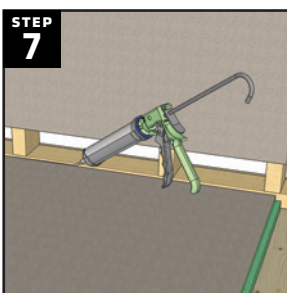


Cut a length of the 2" mesh tape supplied with the shower pan to the length of the seam. Press the mesh tape into the seam, carefully pressing it into the joint sealant.

Apply a ½" bead of joint sealant on top of the mesh tape and smooth out with a flat putty knife to fully cover the mesh tape.

Remove the duct/masking tape mask immediately after smoothing out the joint sealant. DO NOT allow the sealant to cure with the mask in place.

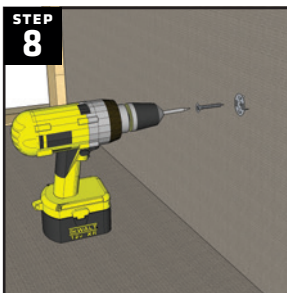
**STEP 7**



The wallboard at the rear of the shower should be installed first. Apply a ½" continuous bead of HYDRO-BLOK Joint Sealant inside the channel created by the shower pan and the wall plate. Place your pre-cut, ½" thick wall board into the channel and firmly press it into place, using a level to ensure the board is properly positioned.

**TIP:** Rear wallboard surface should be the full width of the shower pan.

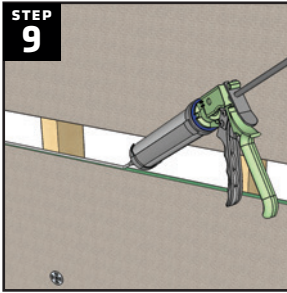
**STEP 8**



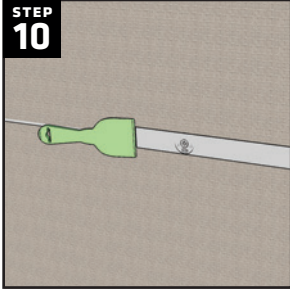
Fasten the wallboard to the studs using HYDRO-BLOK screws and washers. Place the first washer 12" up from the bottom of the shower pan and screw it in flush to the surface of the wallboard. Continue placing washers and screws every 12" along each stud until the entire sheet is fastened to each stud.

Use the HYDRO-BLOK corner putty knife to smooth out the excess joint sealant from the seam between the shower pan and the wallboard.

**STEP 9**

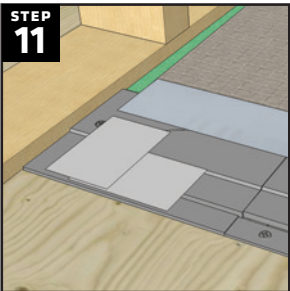


When placing a new piece of wallboard on top of an existing one, apply a ½" bead of joint sealant along the entire edge of the lower board. Press the new wallboard firmly into the joint sealant and hold against the studs. Install a washer and screw 12" up from the seam close to the center of the board to provide initial support.

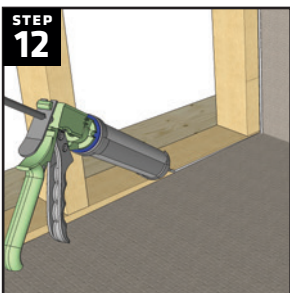


**STEP 10**  
Install washers and screws along the seam before continuing to add washers and screws at 12" intervals to secure the board to the studs.

Use a HYDRO-BLOK standard putty knife to smooth out the excess joint sealant along the seam, using it to cover the seam as well as the screws and washers. Ensure all seams have a minimum of 1" of sealant on each side of the seam.

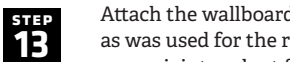


**STEP 11**  
Apply strips of masking/duct tape to cover the end of the HYDRO-BLOK linear drain opening. Ensure at least 1-2" of the drain opening at each end is masked to prevent joint sealant from entering the drain.

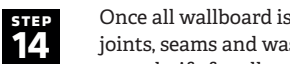


**STEP 12**  
Apply a 1/2" continuous bead of joint sealant in the side shower pan channel and down the edge of the rear wall board so that the side wallboard can be pressed firmly into the shower pan channel and against the rear wallboard.

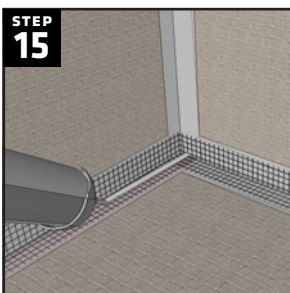
Place pre-cut side wallboard approx. 1" from the rear wallboard and press it firmly into the shower pan channel. Once in place, begin to push it towards the rear wall board and press firmly into the vertical line of joint sealant. Ensure the wall board is firmly and equally in the shower pan channel using a level.



**STEP 13**  
Attach the wallboard to the studs with washers and screws using the same method as was used for the rear wallboard. Use the corner putty knife to smooth out the excess joint sealant from the seam between the shower pan and the wallboard (excess joint sealant can be used in the following steps to cover washers and screws).

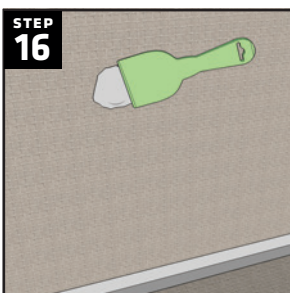


**STEP 14**  
Once all wallboard is in place, apply a final bead of 1/2" joint sealant on all wallboard joints, seams and washers to complete installation. Use a HYDRO-BLOK corner putty knife for all 90 degree seams and the standard putty knife for all flat seams and washers. Ensure there is at least 1" of joint sealant on either side of any seam.



**STEP 15**  
Apply a continuous 1/2" bead of joint sealant into the corner seams of the pan where it meets the wallboard. Use the corner putty knife to smooth out the sealant so that there is at least 1" of sealant on either side of the seams.

Press 2" mesh tape (supplied) into the seams, pressing it into the existing joint sealant. Use a sharp utility knife to make small slits to fit the corners. Use a corner putty knife to smooth the mesh tape into the joint sealant. Apply a continuous 1/2" bead of joint sealant on top of the mesh tape and smooth out again with the corner putty knife to fully cover the mesh tape.



**STEP 16**  
Remove the masking /duct tape mask from the linear drain ends before the joint sealant cures.

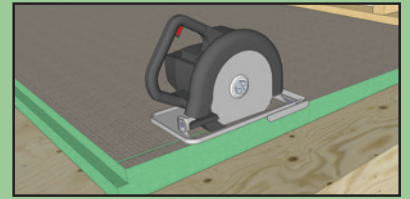
Perform a final check of all joints and screws/washers to ensure they are completely covered in joint sealant.

After approximately one hour, (at room temperature of at least 18° C or 65° F) the joint sealant will skin over and thinset can safely be applied.

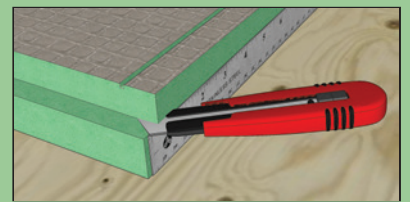
## Trimming a Shower Pan to Size

HYDRO-BLOK Shower Pans can be cut to size using power saws (minimum 40 tooth blade for a 7 1/2" circular) or a sharp utility knife. The notch MUST be re-cut on any side where it is trimmed away in order to ensure a proper seal around the shower pan.

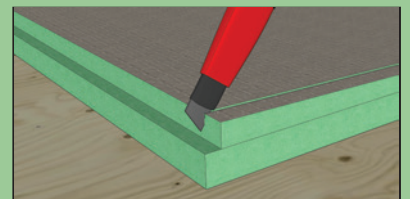
## Cutting a Single Slope Shower Pan Notch



1. Use a circular saw set for 1/8" depth to make a cut through the cement surface on the top of the shower pan 1/2" in from the new edge.



2. Use a circular saw or straight edge & utility knife to make a 1/2" deep cut on the edge of the pan, 1" up from the bottom of the pan.



3. Use a utility knife to continue cutting through the foam on the top of the pan to meet the cut made on the edge of the pan.

## Installation Hints

If using tile or stone which is 2" x 2" or smaller on the shower pan, epoxy grout or a similar high compression grout must be used to comply with the HYDRO-BLOK warranty.

We recommend reading the installation guides for all the relevant HYDRO-BLOK products before starting your shower. HYDRO-BLOK installation guides for shower niches, pan extensions and other products can be found online at [www.hydroblok.com](http://www.hydroblok.com).



The Ebbe America INNI® Linear Drain is a patented system designed for use with HYDRO-BLOK Single Slope Shower Pans.

Thank you for choosing  
**HYDRO-BLOK™**  
for your shower solutions



**HYDROBLOK INTERNATIONAL LTD.**

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