

## Lagos Series Linear Drain. Adjustable



**Step 1.** Determine where the drain will be positioned, frame out shower surround as required.

**Step 2.** Connect drain flange body to the drain pipe, leaving drain bolts in place. Cover the drain opening to prevent floor mortar blocking pipe work.

**Step 3.** Trowel mortar onto subfloor, pitch at a 1/4" per foot slope in direction towards the shower base.

**Step 4.** Install waterproof membrane, reinforce around outlet and cut carefully to expose heads of drain bolts and outlet. Install clamping ring.

**Step 5.** Test membrane for leaks.

**Step 6.** Screw threaded nipple into the drain flange, adjust to desired height.

**Step 7.** Calculate finished drain length, allowing for wall & tile thickness and 8" for the outlet section **H**.

For full drain length, cut the base **E** where the center of the outlet section will be placed.

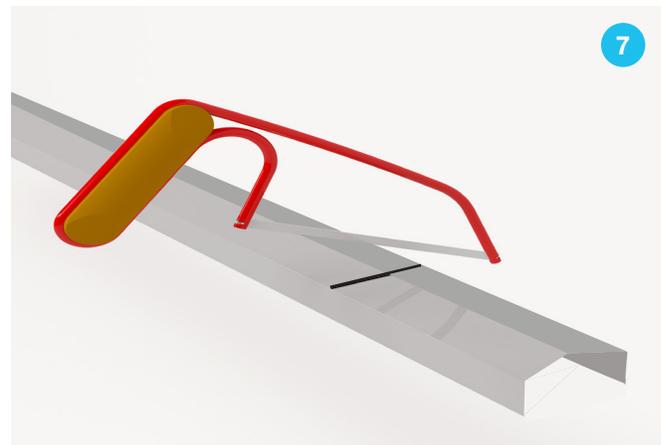
For shorter length, remove equal amounts (half of total amount to be removed) from each cut of base.

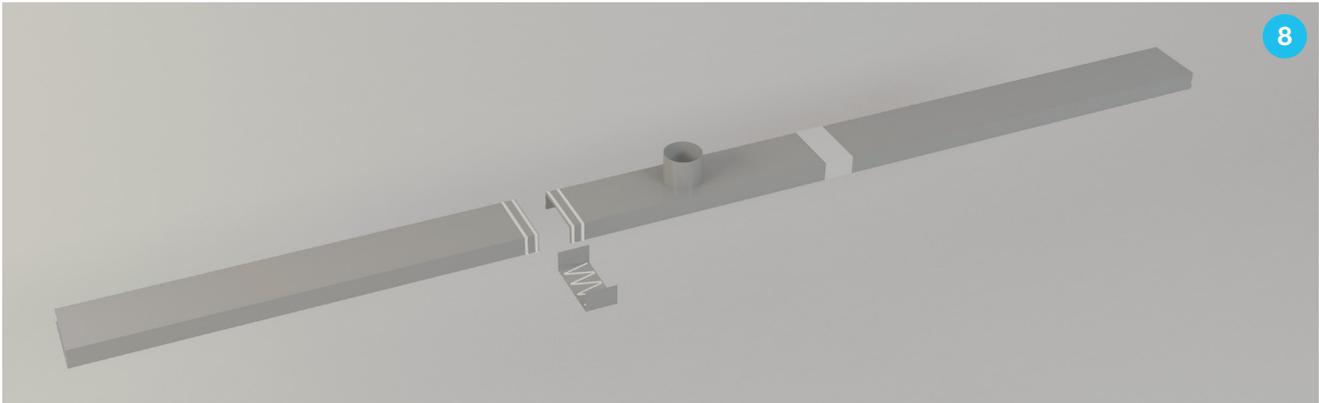
(Example: if 4" needs to be removed, cut 2" from each side).

**Tool:** Use enclosed Stainless Steel cutting blade or a Handheld Hacksaw with 32 TPI for cleanest cut.

**Tips:**

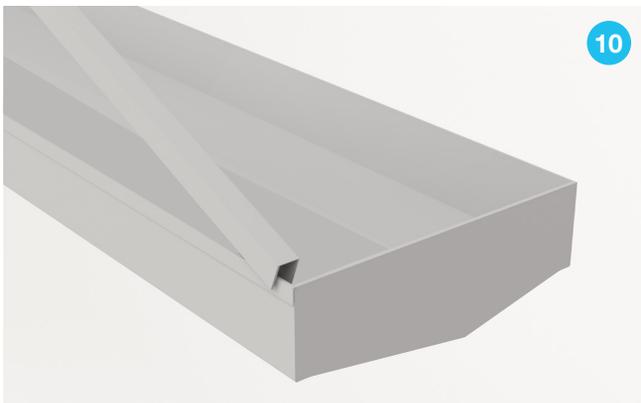
- Draw a straight line on the back of the base where the cut will be made.
- Clamp base to stable, level surface for cutting.
- Cut drain basel at 45° angles. Use a 30° angle on corners.
- Gently file edges.
- Do not bend or pull away pieces being cut from base, allow cut pieces to fall away.





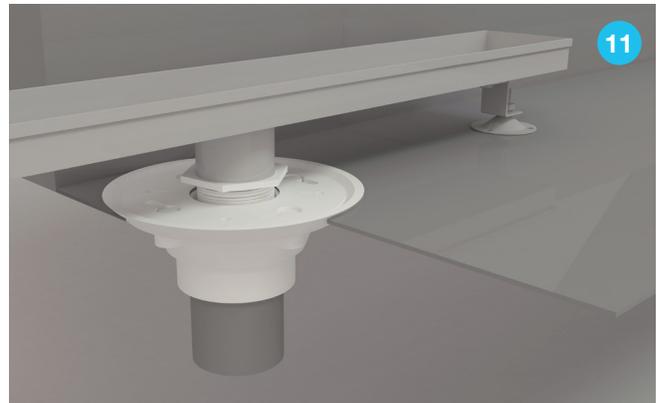
**Step 8.** Clean all parts. On a flat, stable surface, align the cut ends of the base with the outlet section. To join the base pieces to the outlet, attach joiner strips to the underside of the seams, using clear PVC primer and PVC cement.

**Step 9.** Glue the channel end caps to the channel using clear PVC primer and PVC cement.



**Step 10.** Glue the trim pieces on each edge of the channel.

**Tips:** Cover the inside of the base with blue painter tape to avoid staining the base with sealant residual.



**Step 11.** Place the drain base into the threaded nipple. Use the adjustable feet to keep the drain channel into the correct position and level.

**Tips:** If it is necessary create a mortar bed under the length of the base to ensure support. Make sure base is straight and level before continuing with next step.

**Step 12.** Trowel mortar to required height.

**Step 13.** Once floor mortar has cured, apply thin set and install tile and grout.

**Step 14.** Place the grate into the base. Note: the grate might need to be cut to fit inside the base easily. **For Mist** spread a layer of mortar into the grate, allowing for thinset and material to finish flush with metal frame. **Tool:** Cut using a Handheld Hacksaw with 32 TPI for cleanest cut. Only Satin finish drain includes a stainless steel blade in kit. Handheld Hacksaw is recommended for cutting all grates except the satin finish.

**Note:**

- Hair Strainer basket fits inside the drain to collect hair and other debris preventing clogged pipes. Empty basket as needed to maintain optimal performance. The use of the basket is optional.
- Waterproof membrane shall be installed and tested per manufacturer's instructions and local building and plumbing codes.
- QM Drain recommends this product to be installed by a licensed contractor.
- QM Drain fits into most common 2" ABS, PVC or Cast Iron shower drain flange.
- Lifting key assists with grate removal.
- Failure to achieve adequate floor slope will result in standing water problems or slow water flow.



Watch Cutting Video