



Installation Instructions



Please follow the instructions carefully as product warranty will be invalidated by improper installation.
For more guidance, watch our installation films at:

www.muraflo.com/installation-films

If you have questions, please contact Muraflo: support@muraflo.com; 844-MUR-AFLO (687-2356)

NOTE

- **Installation of drainpipe, and connection of drainpipe to drain body, to be carried out by a licensed plumber for warranties to be valid.**
- **It is highly recommended that tray handling and installation be carried out by a licensed contractor or equally qualified professional. Damage occurring to the tray during installation is the responsibility of the installer.**

Prior to Installation

1. Ensure that all local plumbing and building codes have been observed. Consult your local building codes with questions regarding compliance as codes may vary by location. **Muraflo is not responsible for code compliance for your project.**
2. A licensed plumber installs a 2" Sch. 40 DWV pipe protruding a **minimum height of 1" above subfloor** at the specified location. Refer to specification documents for your tray's drain location. **Allow for +/- 1/2" movement of the pipe in all directions**, i.e. do not cement pipe into a completely fixed position. **Ensure the subfloor has a 3" radius** circular or square opening around the drainpipe, measured from the center of the pipe.
3. A licensed plumber checks all plumbing fixtures, replacing and moving pipes and fixtures as necessary.
4. A licensed contractor ensures the subfloor is structurally sound and evenly flat, firm, and level. Irregular floor height and levels will create serious problems for installation and be detrimental to tray functioning and water drainage.
5. A licensed contractor ensures the framing is structurally sound, plumb, square, and level, and free of nails or other protrusions.
6. **Any discrepancies with subfloor and/or framing must be corrected prior to installation.**

Receiving & Inspection

Inspect packaging for damage. Open packaging, carefully remove the tray and thoroughly inspect for completeness, shipping damage, and product defects. If any damage or defects are present, immediate action is required: **DO NOT INSTALL** product. For shipping damage, notify carrier upon delivery, for product defects, notify Muraflo within three business days. For detailed guidelines, refer to Muraflo's **Warranty**.

Product Checklist

Ensure that the following items are included and in good condition. If not, contact Muraflo before proceeding with the installation:

- | | |
|-------------------|----------------------|
| ✓ Tray | ✓ Internal Wrench |
| ✓ Tray Template | ✓ Compression Gasket |
| ✓ Compression Nut | ✓ Drain Cover |

NB: The drain cover, compression nut, internal wrench, and compression gasket will be loosely installed in the tray.

General Handling

- It is highly recommended that shower trays be handled and installed by two people.
- Non-slip, protective gloves are recommended.
- Always handle the tray with care.
- Lift tray vertically, with the curb upward.
- Never drop tray, always lower slowly and gently into place.
- Avoid banging or scraping any parts of the tray against studs, walls, or other objects.
- Never attempt to force the tray into a tight space; if the framing is too tight, it must be corrected prior to installation.
- The finish materials are real tile, mosaic, and grout with the same propensity to be scraped, chipped, or otherwise damaged as conventionally laid tile, mosaic, and grout. Keep surfaces covered and protect against objects falling on or otherwise damaging them.

Required Tools & Materials

Have the following tools and materials ready:

- | | | |
|------------------------------|-------------------|------------------------------|
| ✓ Flathead Screwdriver | ✓ Mortar Cement | ✓ Access to Water |
| ✓ Tape Measure | ✓ Cement Mixer | ✓ Non-Slip Protective Gloves |
| ✓ 3', 4' &/or 5' Beam Levels | ✓ Bucket | & Protective Glasses |
| ✓ ¾" U-Shaped Notched Trowel | ✓ Cleaning Cloths | ✓ Adjusting Rod |

Use protective material (e.g., cardboard) to protect the tiled surface prior to, during, and post-installation.

Test-Fit the Template

Use the shower tray template to verify the fit and make any necessary adjustments to drainpipe location, framing, and/or sub-floor before full installation begins.



- 1. Stand tray template upward, with "F" at the top. Move one side diagonally into a back corner.**



- 2. Lift and slowly swing opposite side into opposite back corner.**



- 3. Lower template slowly. Do not bend or force it into position. Check that studs do not protrude and obstruct the template as it is being lowered.**



- 4. Check the spacing of the template within the framing. Confirm that the drainpipe fits into the hole easily with adequate tolerance between pipe and hole.**

If installation of the tray template reveals any discrepancies, such as incorrect drain location or protruding framing, correct as required before proceeding. After successful completion of the test-fit, and any necessary remedial work, you are ready to begin tray installation.

Installation Sequence

Ensure that the drain components are removed before proceeding (drain cover, compression nut, internal wrench, and compression gasket).



1. Apply mortar cement across the back area of the subfloor.



2. Carefully lift and move one side of the tray into a back corner.



3. Carefully lift and move the opposite side into the opposite back corner.



4. Apply mortar cement to the center and front of the subfloor, while ensuring the tray remains upright and securely supported.

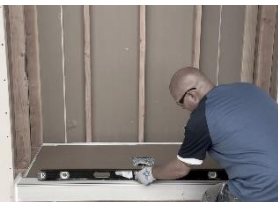


5. Begin to lower the tray, adjusting as required to maintain a tight fit with the back of the rough opening.



6. Lower the tray into position, ensuring the drainpipe slots into, and is centered in, the drain body.

NB: Because of the angle at which the tray is being lowered, the drainpipe may not immediately fit into the drain body. While lowering, the tray must be progressively adjusted -right-left-right-left- until positioned above the drainpipe. The drainpipe can be gently adjusted forwards or backwards as required with the insertion of a rod into the pipe.



7. Press firmly down, make final adjustments to position, and verify levels.



8. Connect the drain -- Refer to "Drain Connection Instructions" on following page.



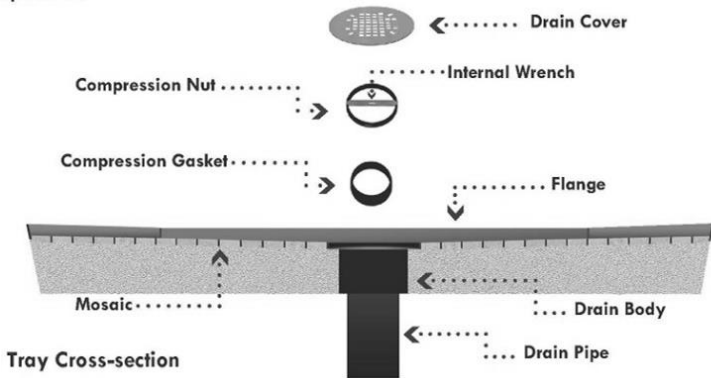
9. Clean excess cement protruding from edges or front of the tray. Cover tray with protective material before proceeding further.

If the shower walls turn a 90° angle at the front of the shower enclosure, the shower tray flange that extends in front of the curb can be cut as needed.

Drain Connection Instructions

Drain connection to be carried out by a licensed plumber.

Drain Components



ENSURE DRAINPIPE IS A 2" SCH. 40 DWV PIPE.

THIS IS A NO CAULK TOP-CONNECT DRAIN. DO NOT APPLY CAULK, SILICONE, OR OTHER SEALANT. IMPROPER DRAIN CONNECTION WILL INVALIDATE YOUR WARRANTY.

1. Confirm that the top of the **2" Sch. 40 DWV drainpipe** stub-up is between $1/2"$ and $3/4"$ below the top of the **drain body**. If the **drainpipe** is too high, trim to the correct height.

It is recommended to plug the **drainpipe** with an easily removable rag to prevent the **internal wrench** from being dropped down the **drainpipe** during the drain fitting procedure.

(Remove plug before fitting the **drain cover**.)

2. From the top side of the **shower tray**, push the **compression gasket** over the **drainpipe** with the tapered side up.

Slide the **compression gasket** down over the pipe into the **drain body** until the bottom of the **compression gasket** sets against the bottom of the **drain body**.

The top of the **compression gasket** should be slightly lower or flush with the top of the **drainpipe**.

3. Place the **compression nut** over the **drainpipe** and, using the **internal wrench**, thread the **compression nut** into the **drain body** over the **compression gasket** - take care not to cross-thread.

Tighten the **compression nut** completely to form a tight seal between the **compression gasket** and the **drainpipe**.

Carefully remove the **internal wrench** and retain it for future use.

Remove the adhesive cover from the **drain cover** and pressure fit it into place.

The drain should be checked once a year by a plumber to verify seal and gasket integrity.

Wall Installation & First Use

Wait 12 hours before proceeding with wall installation. For conventional wall tiling, follow best practices for waterproofing and installing ceramic tile for preformed/prefabricated receptors.

After wall installation is complete wait 48 hours prior to first use to ensure that caulking between walls and tray are fully dry.

Remove any protective coverings from the tray. Remove temporary ICC sticker after inspection by any applicable authorities.