

Please read and follow these instructions carefully as the product warranty will be invalidated by improper installation. If you have any questions regarding installation, please contact Muraflo prior to installation at:

Email - customerservice@muraflo.com  
Telephone - (760) 298 1865

**NOTE:**

- **Installation of drain pipe, and connection of drain pipe to drain body, to be carried out by a licensed plumber.**
- **Damage occurring to the Mura-Tile Tray during installation is the responsibility of the installer. Therefore it is strongly recommended that tray handling and installation be carried out by a licensed contractor, equally qualified professional or highly experienced Do-It-Yourself individual.**

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**Receiving & Inspection**

Inspect packaging for damage. Open packaging, carefully remove the Mura-Tile 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:

- |                                      |                      |
|--------------------------------------|----------------------|
| ✓ Mura-Tile Tray                     | ✓ Compression Gasket |
| ✓ Tray Template                      | ✓ Drain Cover        |
| ✓ Compression Nut w/ Internal Wrench |                      |

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

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**General Handling**

- Always handle the Mura-Tile Tray with care.
- Non-slip gloves are recommended for handling.
- Always lift tray vertically, with the curb, or front edge, upwards.
- Never drop tray; always lower slowly and gently into place.
- Avoid banging or scraping any parts of the tray against studs, walls or any other objects.
- Never attempt to force the tray into a tight space; if the rough opening is too tight, it should be corrected prior to installation.
- Remember that the finish materials are real tile, mosaic and grout with the same propensity to be scraped, chipped or otherwise damaged as conventionally laid tile and grout. Keep surfaces covered whenever possible and protect against objects falling on or otherwise damaging them in any way.

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**Required Tools & Materials**

Ensure that you have the following required tools and materials at hand before starting the installation:

- |                              |                   |                                    |
|------------------------------|-------------------|------------------------------------|
| ✓ Flathead Screwdriver       | ✓ Thin-Set Mortar | ✓ Access to Water                  |
| ✓ Tape Measure               | ✓ Cement Mixer    | ✓ Non-Slip Protective Gloves       |
| ✓ 2' and 5' Beam Levels      | ✓ Bucket          | ✓ Adjusting Rod (wood or pvc pipe) |
| ✓ ¾" U-Shaped Notched Trowel | ✓ Cleaning Cloths |                                    |

It is highly recommended to use protective material (cardboard, etc.) to protect the tiled surface.

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## 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 ABS pipe protruding a **minimum height of 1" above sub-floor** at the specified location. Refer to documents pertaining to your purchase 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.
  3. Check the floor in all directions to ensure it is evenly flat and level. Irregular floor height and levels will create serious problems for installation and be detrimental to proper functioning of the tray (flow of water to drain, etc.). **If the floor is not evenly flat and level it should be corrected prior to installation.**
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## Verify Fit and Drain Location

NOTE: It is important to verify that the tray will accurately fit the shower installation area and drain location. By using the provided Muraflo shower tray template, you can verify the fit and make proper adjustments to drain pipe or studs before full installation begins.



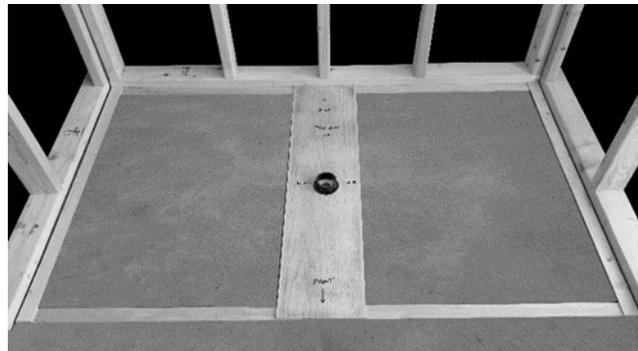
1. Stand tray template upwards, move template diagonally into left (or right) back corner.



2. Swing opposing side into opposite corner.



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



4. Check the spacing of the template within the framing. Confirm that the drain pipe fits the hole without having to be forced and that there is adequate tolerance between pipe and hole.

If installation of the template reveals discrepancies (e.g. incorrect dimensions, protruding studs, studs not at right angles, incorrect drain location), correct as required before proceeding.

After successful completion of template verification, and any necessary remedial work, you are ready to begin the installation of the Mura-Tile Tray.

## Installation Sequence

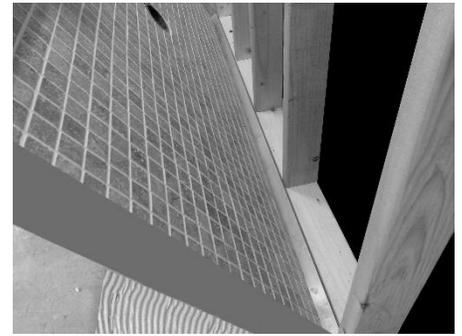
Your tray is shipped with the drain components (drain cover, compression nut with internal wrench, and compression gasket) loosely installed. **Remove these drain components before proceeding with the installation.**



1. Evenly apply thin-set mortar cement to sub-floor area across the back of the rough opening.



2. Maneuver a back corner of the tray into the back left (or right) corner of the rough opening.



3. Swing opposing corner of tray into the opposite back corner of the rough opening.



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



5. Apply thin-set mortar cement to the front half of the sub-floor area while ensuring the tray remains securely supported (by a second person, your shoulder, etc.).



6. Ensure drain pipe slots into, and is centered within, the drain body and lower tray into final position (see note below).

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

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7. Push firmly down and verify levels.



8. Connect drain -- Refer to "Drain Connection Instructions" (page 4).

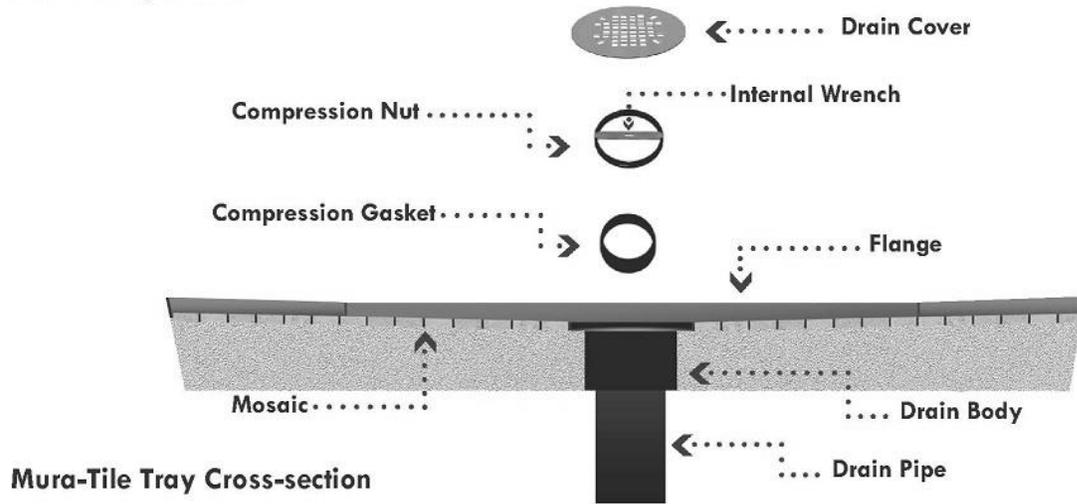


9. Clean any excess cement protruding from the front edge of the tray. Cover tray with protective material before proceeding with further construction or installation activities.

## Drain Connection Instructions

Drain connection to be carried out by a licensed plumber:

### Drain Components



### PIPE MUST BE A 2" SCH. 40 ABS PIPE

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

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

2. From the top side of the **shower tray**, push the **compression gasket** over the **drain pipe** 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 flush with the top of the **drain pipe**, or be slightly lower.

3. Place the **compression nut** over the **drain pipe** 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 **drain pipe**.

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.

## Wall Installation & First Use

For Muraflo surround installation, use a Muraflo certified installer.

For conventional wall tile installation, follow the guidelines from the Tile Council of North America (TCNA) regarding standard installation procedures for ceramic tile in prefabricated receptors. This may vary according to the type of wall backing and waterproofing material being used.

Prior to first use, remove any protective coverings from the tray. Remove temporary ICC mark sticker after inspection by any applicable authorities.

**NOTE: Regardless of your method of wall installation / tiling, wait 48 hours prior to first use after the wall installation is complete to ensure that caulking between walls and tray are fully dry.**