

TruSlope's One-slope shower trays are made of dense Expanded Polystyrene also known as high density Styrofoam. TruSlope's One-slope shower trays are a viable alternative to the traditional sand mix shower mortar beds, especially when the low-profile and no-curb shower applications are desired.

Trugard® One-Slope shower trays are specifically designed to be used in conjunction with Trugard's® TruLine linear drain, and the Trugard® Vapor-shield or Steam-shield waterproofing membrane system.

The popular trend of the One-slope shower trays has come about primarily due to today's Incredible craving for at-home commercial spa-like retreats. Linear drains give great flexibility in design as well as a luxurious elegance and a pampered atmosphere that meets the extreme need to escape for some "me time" to unwind from today's fast pace high demand world and to "recharge" to meet another stressful day. The "craze" of transforming traditional task oriented bathroom into an escape oasis, often include barrier-free shower entrances built-in seats, benches, and adequate inset niches.

Note: Small format tile such as mosaics and other small format tiles smaller than 4" x 4", require cement board or Hardboard to be installed on top all polystyrene trays, because a very strong or heavy concentrated pressure downward may allow the small tiles to press downward into the tray when installed directly onto the tray. Therefore, installation of tiles directly onto the TruSlope shower trays require floor tiles to be no smaller than 2" x 2" square for all Standard TruSlope Center Drain trays, and Standard One-slope trays & Low-profile Curbless One-slope trays require 4" x 4" square tiles or larger.

A major benefit of one-slope tray however, is that large format tiles can be used and are generally preferred over small format tile anyway, resulting in less grout maintenance.

Note: For low-profiles trays over wood subfloor installations, we recommend that adequate blocking support under the wood subfloor area be installed, also that blocking around the drain trench cut out hole area always be installed/required with all trays.

"Dramatically Simplifying and Speeding up Tile Shower Installations!"

STANDARD Tray Style

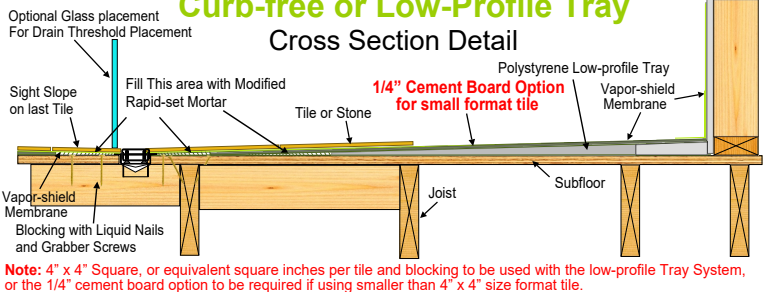
CURBLESS Tray Style

"Low Profile"



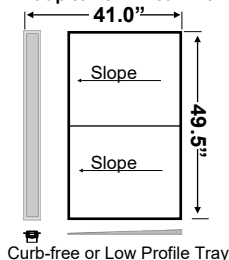
Curb-free or Low-Profile Tray

Cross Section Detail



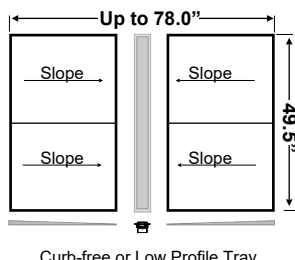
TruSlope LD49x41-L

49.5" x 41" CURBLESS Tray
Fit up to 48" Linear Drain



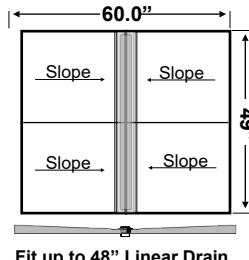
TruSlope LD49x78CP-L

49.5" x 78" CURBLESS Tray
Fit up to 48" Linear Drain



TruSlope LD49x60-SCP

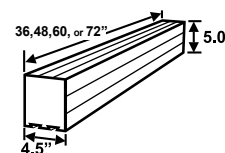
STANDARD Tray Center Placement



TruCurb Shower Curbs

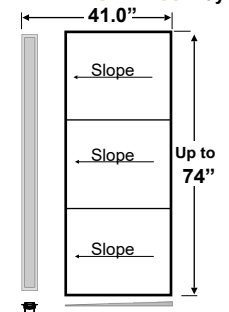
Note: Curb required for STANDARD OneSlope Trays.

TruCurb 4x5x36,48,60, or 72"



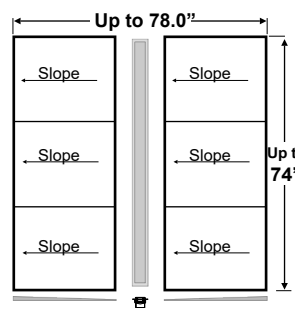
TruSlope LD74x41-L

74" x 41" CURBLESS Tray



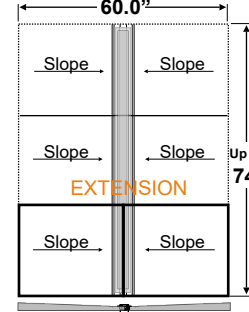
TruSlope LD74x78CP-L

74" x 78" CURBLESS Tray



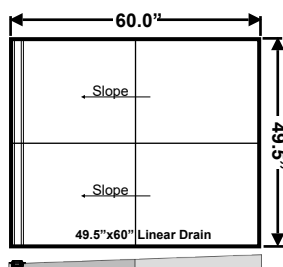
TruSlope LD24x60-SCP

STANDARD Tray Center Placement



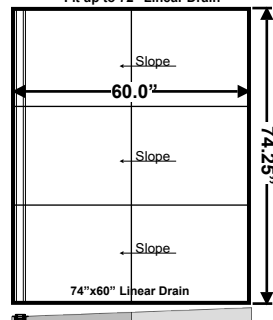
TruSlope LD49x60-S

49.5" x 60" STANDARD Linear Drain Tray
Fit up to 48" Linear Drain



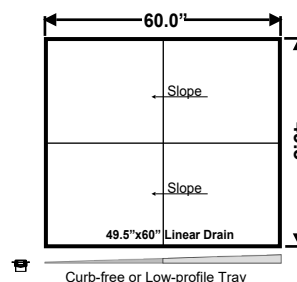
TruSlope LD74x60-S

74" x 60" STANDARD Linear Drain Tray
Fit up to 72" Linear Drain



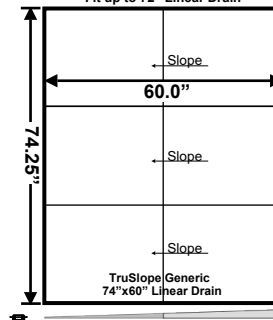
TruSlope LD50x60-L

49.5" x 60" CURBLESS Tray
Fit up to 48" Linear Drain



TruSlope LD75x60-L

74" x 60" CURBLESS Tray
Fit up to 72" Linear Drain





- 1** **1a. Pre-fit the shower tray** by measuring then cutting the tray to fit the desired placement.
1b. For standard trays, place the linear drain onto its side marking the trench length then cutting out the "trench cut-out area" so that the drain trench sits down into the tray and the drain flanges sit on top of the tray.



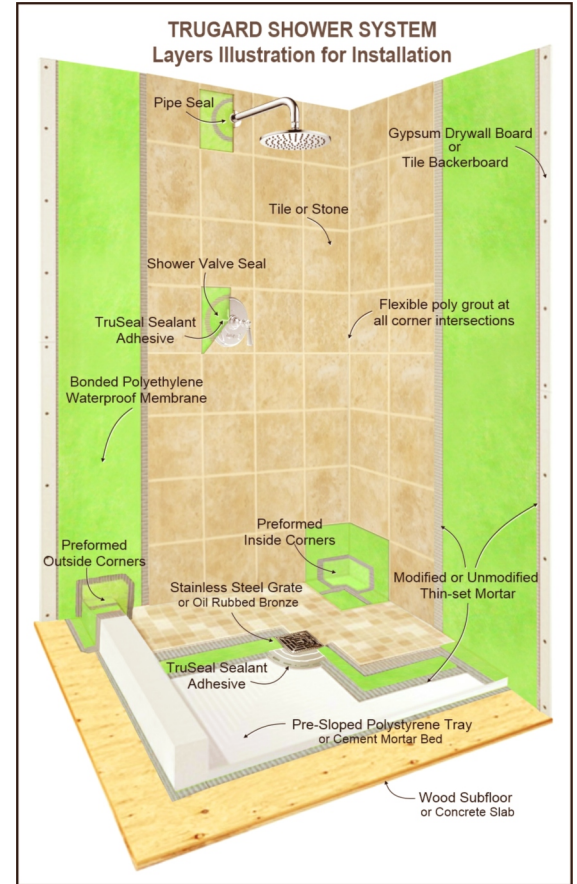
- 2** For **Low-profile trays**, cut a rectangular hole into the floor substrate in the desired drain location to allow the linear drain trench to snugly fit down into the floor substrate, with the drain flanges being supported by the floor substrate.



- 3** **3a. Apply modified or unmodified thin-set mortar** to the substrate using a 1/4" x 3/8" square-notched trowel.
3b. Place the TruSlope shower tray onto the thin-set mortar.
3c. Use TruSeal Sealant Adhesive or thin-set mortar to bond the butt joints of the tray pieces together.
Note: The sub-floor must be level. Leveling must be done prior to placing the tray.



- 4** **4a. Embed the tray** into the mortar by firmly walking on the TruSlope tray.
Note: Low-profile trays require an approximate 3/4" x 2ft. x 2ft. plywood or similar flat object to ensure even embedding of the thin part of the tray.
4b. Lift and check the underside of the **Standard tray only (not Low-profile trays)**, to ensure complete coverage is achieved, then repeat step 4a for **standard** One-slope trays.



Note: **Modified Rapidset or Speedset thin-set** mortar is recommended for the setting of the TruSlope tray and TruCurb system when possible for a quicker cure time. (Not required)

Modified thin-set mortar is recommended for use over gypsum board and cement backerboard substrates. Also **Modified thin-set** mortar is recommended over the Vapor-shield membrane for tile installation. (One popular brand we recommend is **VersaBond** from Home Depot.)

Premium quality unmodified thin-set mortar is also approved and may be used if desired.



- 5** **Install the Trugard Drain** by generously applying modified or unmodified thin-set mortar and embedding TruLine linear drain into the thin-set mortar.
Note: If there is no access from below use a PVC pipe nipple and cement glue coupling to connect the plumbing waste line while simultaneously embedding the drain. (See above illustration)



- 6** If a TruCurb will be used, **Pre-fit the TruCurb** by measuring and cutting the curb to length using a standard handsaw.
Note: Curb-free showers generally use Low-profile trays and need no curb, while standard one-slope trays generally always require a curb.



- 7** **Pre-cut the floor pieces of the Trugard Vapor-shield** allowing for the membrane to go up the wall at least three (3) inches by cutting the membrane six (6) inches longer the floor width. Use a non-sharp pencil to mark the wall to floor intersections and corners. Cut the full corner (3" x 3") square out of the membrane and discard.



- 8** **Apply modified or unmodified thin-set mortar to:** 1. The floor wall ends, 2. The edge of the shower tray using a 1/4" x 3/8" square-notched trowel. 3. Back butter the curb bottom and ends and then pressing the curb firmly into place.

Congratulations! Your TruSlope Tray and TruCurb shower dam is installed!

- 9** Now you are ready to **Apply Trugard Vapor-shield or Steam-shield with modified or premium quality unmodified thin-set mortar** to the TruSlope tray substrate using a 1/8" x 1/8" square notched trowel or 1/4" x 3/16" V-notched trowel as described in the Trugard Vapor-shield instruction handbook.