

Installation Guide

PROLINE drain

by **QUICKDRAIN USA** 

—DRAIN SET AT ENTRY TO CURBLESS SHOWER
ON 3/4" WOOD SUBFLOOR

Important Notes:

- When using the ProLine Drain as the primary drain at the entry to a curbless shower, QuickDrain USA recommends a max. combined water flow of 5gpm. The drain extending the entire width of the finish opening. Creating at least 2" of back slope to the drain and installing a capillary break are also very important in this condition.
- If max. combined water flow exceeds 5gpm, please see *guide and *details for placing drain at the back wall.
- When recessing drain trough into a wood sub-floor, install proper reinforcement framing so there is no deflection in the floor at drain.
- QuickDrain USA recommends fast-setting, self-curing thinset for setting membrane and the whole assembly under the waterproofing.
- Do not grout or caulk in the strainer. Strainer must remain removable for maintenance. Leave gaps on the sides of strainer for additional drainage.
- Set drain body level, do not follow floor if it is out of level.

1 – Drain Preparation – Image A

- Dry fit membrane to cover entire shower floor and 6" up all walls.
- Membrane must be dry and clean. —Set sealant tape 1/2" back from edge of membrane that will be joined to drain body membrane.
- Remove release tape. —Place drain body membrane (upside down) over floor membrane with 2"-3" overlap. —Use a roller to press and seal joint.

2 – Sub-Floor Reinforcement – Images B, C, D, E

- Place blocking and 3/4" plywood reinforcement between floor joist, under sub-floor at drain location. —Set 2x4 blocking @ 8" on center 3/4" below top of joists. —Set 3/4" plywood on blocking, flush with top of floor joists.
- *See Typical ProLine Drain Installation Details for more information.

3 – Plumbing Preparation – Images B, C

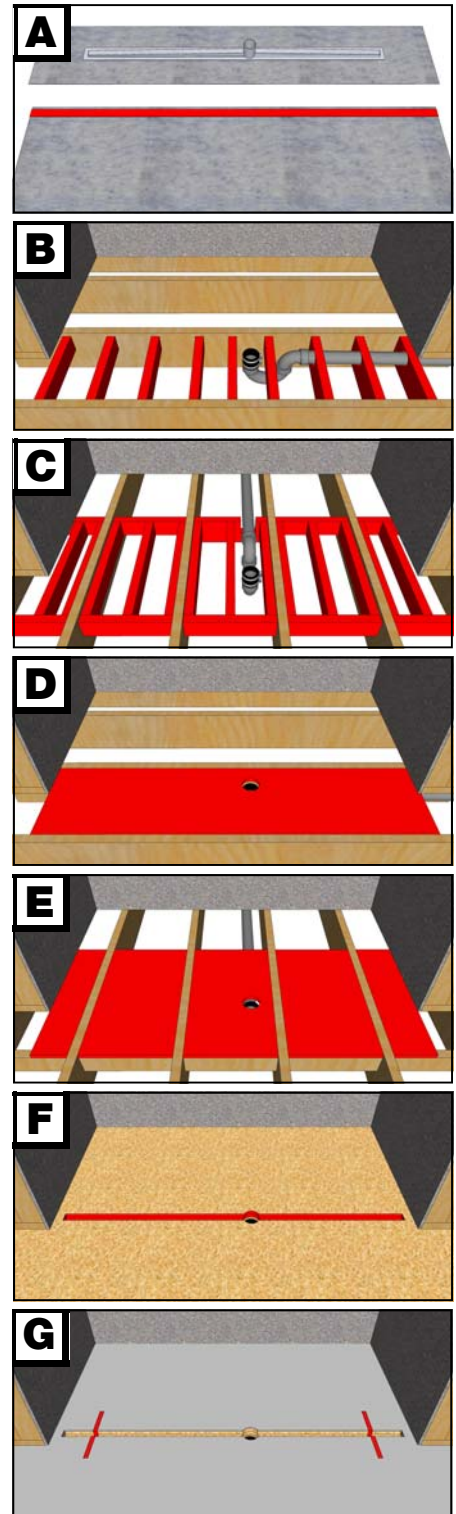
- Bring plumbing to proper location and attach no-hub coupling.

4 – Cut Slot in Sub-Floor – Image F

- At drain location, cut a slot in sub floor for drain body trough; 1-1/2" wide and 1/2" longer than drain trough. —Do not cut into floor joists.

5 – Set 1/4" Backer Board and Placement Brackets – Image G

- Set 1/4" backer on floor with approved fasteners and thinset.
- Set two placement brackets the same distance from back wall on each end of the drain. Approximately 4"-8" in from ends of drain.



***This is a quick guide. For full installation videos, details and guides to different installation conditions, visit the QuickDrain USA website. *If you need help or have questions, please call our technical support at QuickDrain USA 866-998-6685 menu #5**

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6—Set Quick Slope Panels — Image H

- Dry fit Quick Slope panels (and Flat panels for showers deeper than 36")
- Quick Slope panels should start approx. 1" back from edge of drain.
- Spread thinset on sub-floor with 1/4" square-notched trowel. —Firmly press Quick Slope panels into thinset. —Fill honeycomb cells with thinset.

7—Spread Thinset — Image J

- Spread thinset for setting membrane with a 3/16" V-notched trowel.
- Fill sub-floor slot approx. one third full of thinset for drain body bedding.

8—Set Drain Body — Image K

- Set drain body waste outlet into no-hub coupling. —Press drain body into sub-floor slot and placement brackets.
- Tighten no-hub coupling to complete waste line connection.

9—Set Shower Pan Membrane — Image K

- Smooth and set membrane, starting at drain and working out to walls.
- Make sure membrane is set on floor and worked into corners before setting vertical faces. —Cut membrane vertically at inside and outside corners. —Set membrane to walls using thinset. —Use grout float or roller to completely smooth and set membrane.

10—Set Outside and Inside Corners — Image L

- Apply two continuous beads of sealant to all three faces of inside and outside corners. —Press and smooth into place. —Remove excess sealant.

11—Set Trough Extensions (optional) — Image M

- Cut trough extensions to fit between end of drain trough and wall.
- Use small piece of sealant tape to set trough extension in place.

12—Set Tile Edging (optional) — Image N

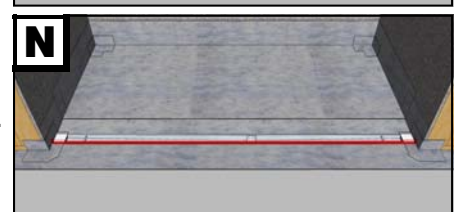
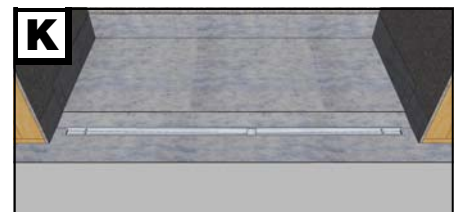
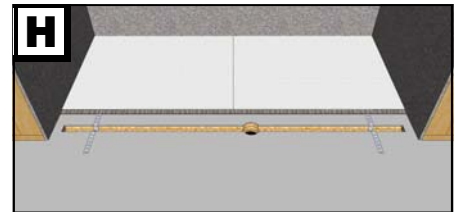
- Set strainer with spacer on drain body to determine tile edging location.
- Leave min. 1/16" gap on all sides of strainer for drainage and easy removal.

13—Capillary Break

- Create a capillary break between wet and dry areas. —For details on different capillary break installations see website.

14—Set Tile and Strainer — Image P

- Fit strainer to finished opening by trimming each end if necessary.
- Protect strainer with masking tape.
- Set finishes flush with top of strainer.



*****Any use of solvents or solvent-based products on the drain body, flexible flange or waterproofing membrane will void manufacturer's warranty for both individual parts and the entire system**