



INSTALLING YOUR CONCRETE RAMP SINK USING ADJUSTABLE STUD BRACKETS



FSB-B1-AS
FSB-B1-AL

APPLICATIONS

Trueform *Adjustable Stud Brackets* can be mounted to either wood studs or steel studs*.

TOOLS NEEDED

- Pencil
- Tape Measure
- Laser level
- Torpedo level
- 2 C-clamps
- Drill
- 3/16" drill bit
- 5/16" drill bit
- 1/2" socket
- 1/2" box wrench
- 9/16" socket
- Silicone

MOUNTING TO WOOD STUDS

Complete mounting hardware is included for wood stud applications.

*MOUNTING TO STEEL STUDS (MIN. 18 GA)

Although these brackets are engineered for both wood and steel studs, Trueform strongly recommends outfitting the wall with wood studs when possible. Therefore, mounting screws are **not** included for steel stud applications.

If brackets must be installed on steel studs, we recommend using **5/16" hex-head sheet metal screws**. Also note that applicable steel studs should be no thinner than 18 gauge.

INCLUDED HARDWARE

Each Adjustable Stud Bracket (FSB-B1-AL or FSB-B1-AS) includes the following:

- Part B1
- Part AL or AS (depends on sink depth)
- 3/8" swivel foot (1 per bracket)
- 3/8" x 2" hex head screw (1 per bracket)
- 5/16" x 1-1/2" hex head wood screw (2 per bracket)
- 5/16"-18 x 1 bolt (2 per bracket)
- 5/16"-18 nut (2 per bracket)

Each Adjustable Stud Bracket has 2 parts:

B1: Stud Mount

B1 comes in a single size and must be installed such that brackets will be both level and spaced across the mounting wall properly. B1 can be installed with the vertical stud mounting plate oriented either upward or downward.



AL or AS: Supporting Arm

The arm will arrive to you in one of two lengths and is determined by the countertop depth of your sink:

AL (Long): Counter depths 20 1/2" - 24"

AS (Short): Counter depths 17" - 20 1/2"



Step 1. Installing the Stud Mount (Part B1)

It is important to note that brackets must be mounted to wood (or steel*) studs and must be perfectly leveled, both independently and to each other. Do not measure from the floor when leveling brackets since the floor may not be level. *See previous page for details on steel studs.

1. Mark the stud wall where you would like the center of the sink to be.
2. Determine the desired finished sink height and mark the stud 7" below. For example, a finished height of 34" (ADA height) results in a mark at 27" from the **finished** floor. This is your *B1 Installation Height (B1-Height)*.
3. Set your laser level to the **B1-Height**.
4. Mark lateral locations along the wall that meet the following criteria:
 - Maximum distance between a bracket (center of horizontal arm) and an *unsupported* edge of the sink (left or right side) does not exceed 6"
 - Maximum distance between any two brackets (center of horizontal arm), or between a bracket and a wall cleat supporting the left or right edges of the sink, does not exceed 32"
 - Minimum distance between a bracket (center of horizontal arm) and a sink drain location is 4"

Note that you may need to add studs in the above locations; however, doubling them up is not necessary.

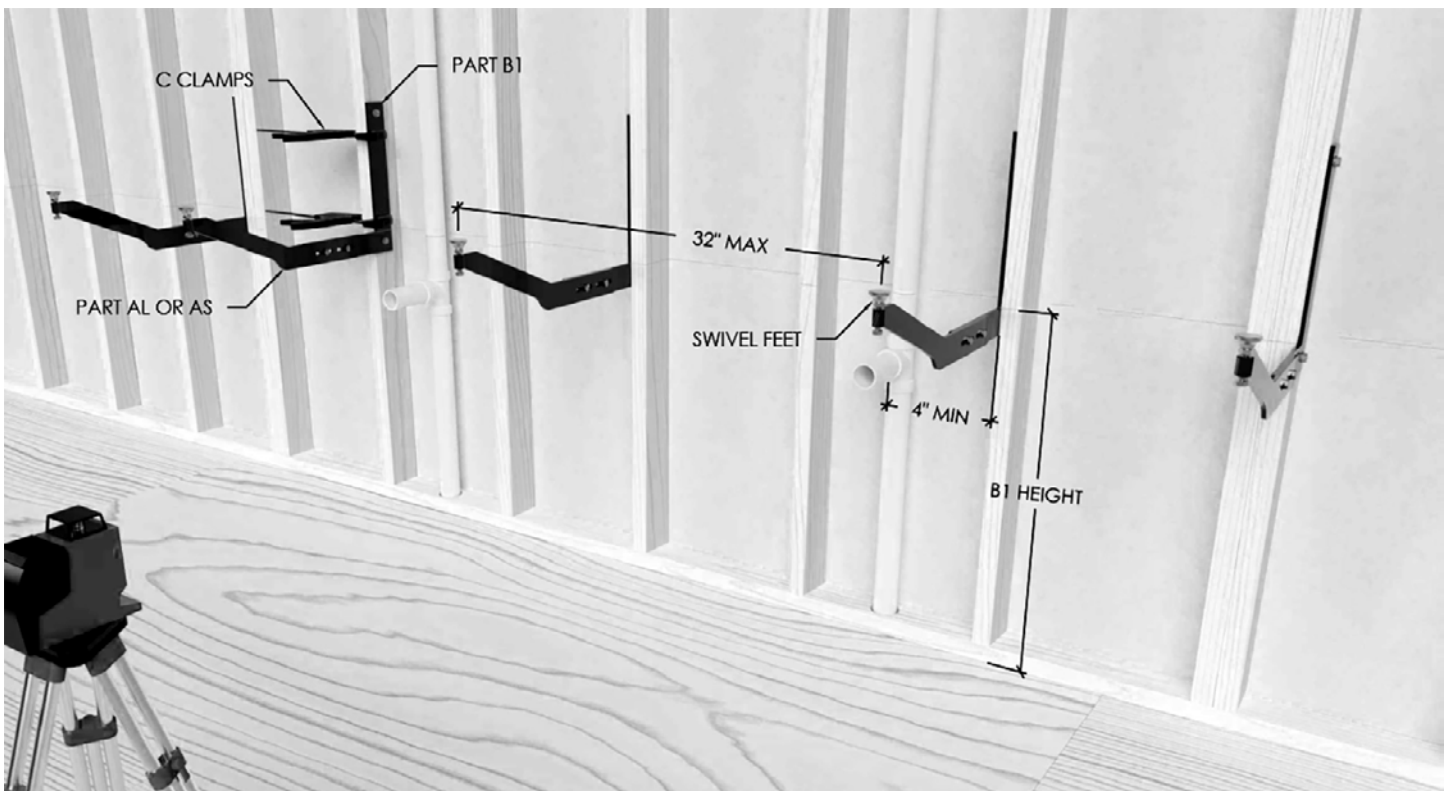
5. Clamp **Part B1** to an appropriate mounting stud so that the top of the horizontal arm meets the **B1-Height** and the front face of the vertical length is flush with the front face of the stud. Note that B1 can be mounted in an "upside-down" orientation should conditions require it.
6. Use your torpedo level to ensure the horizontal arm is level.
7. When Part B1 is level and at the appropriate height, run the 5/16" drill bit in reverse at each hole to create an index which is perfectly centered in each hole.
8. Create holes for the 5/16" x 1-1/2" hex head wood screws using the 3/16" drill bit.
9. Drive the hex head wood screws into the studs using the 1/2" socket.
10. Repeat steps 5-9 until all parts B1 have been installed.

Step 2. Attaching & Setting the Supporting Arm (AS or AL)

1. Attach Parts AS or AL slightly less than hand-tight to Part B1 using the 5/16"-18 nuts and bolts so you can adjust their final location.
2. Set the distance from the center of the swivel feet to the finished wall, which is determined by subtracting 1-3/4" from the overall counter depth.
3. Use the 1/2" socket and 1/2" box wrench to tighten the hardware. **Due to the tolerance between the bolts and the slots, it is important to apply slight downward pressure on the swivel foot during this step. The top surfaces of Parts B1 and AL or AS should be flush.**
4. When all brackets are complete, the swivel feet should be level with each other and approximately 2 1/4" below the finished sink height when the leveling screws are midway between the top and bottom positions with room for adjustment in both directions.

Step 3. Cleating & Setting the Sink

1. Cleating is optional but recommended. Once the wall has been closed-up, you may install horizontal cleating on the back wall (and side walls, if applicable) between brackets at 1" below the height of the finished sink. **Ensure the distance between any side wall cleat and a bracket does not exceed 32".**
2. When the heights and measurements of all components are verified, apply silicone to all contact points (top of swivel feet and top of each cleat [if applicable]). The sink is now ready to be set.
3. When setting the sink, the swivel feet will make contact with a built-up surface underneath the front of the sink apron (either by plywood or concrete). Note that your sink will arrive with this surface already prepared.
4. Ensure that all swivel feet are making contact with the underside of the sink, and use the 9/16" socket to adjust the swivel feet height as necessary to level the sink.



Product Care & Maintenance

The following instructions are for our indoor products sealed with our topical sealer.

Now that your concrete is installed, you'll want to properly care for it. Follow these simple guidelines to keep your concrete looking beautiful for years to come:

- Avoid dragging sharp, hard objects across the concrete surface to prevent scratching. Minor white scratches should be expected throughout the piece from use over time. Applying *Pledge* every now and then can fill in minor scratches and give your pieces a nice sheen.
- Avoid using or leaving acidic foods and beverages (lemon juice, mustard, vinegar, wine, soda, tomatoes, bananas, pumpkins/gourds, etc.) perfumes and colognes, cleaners that contain vinegar or citric acids, and other harsh chemicals or solvents (ammonia, acetone, hydrogen peroxide, etc.) on the concrete surface. Clean or remove these substances as soon as possible as they may "eat" through the sealer (which can leave a light hazing) and could possibly expose or stain your concrete. There are, of course, other items and products that may damage your sealer. We have tested against the most typical stain agents, but please use standard precautions to keep your concrete protected.
- Avoid using abrasive soaps, cleansers, or scrubbing pads that can wear down the sealer. We recommend using mild, non-abrasive, non-ammonia, non-citric acid, non-vinegar, non-bleach soaps and cleaners.
- Please use standard care and precautions with your concrete products. Concrete is extremely durable; however, it is not invincible. Excessive force can do damage to your piece.

For more information see our Product Care & Use Sheets at <https://www.trueformconcrete.com/product-care-use-sheets/>

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If you have any questions or if there is anything we can do to improve your experience, please let us know. We'd be happy to hear your feedback.

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