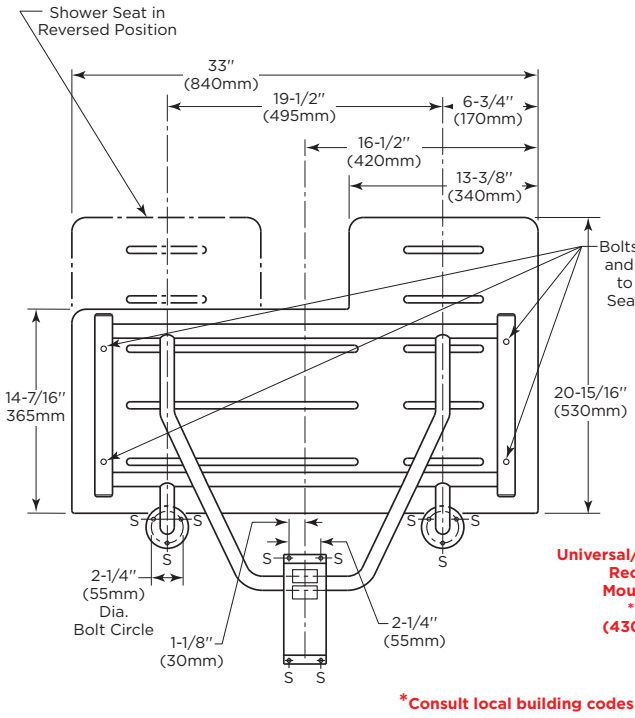
INSTALLATION INSTRUCTIONS

BOBRICK MODEL B-5181 REVERSIBLE COMPACT-GRADE LAMINATE FOLDING SHOWER SEAT



Left-Hand Seat Shown

Figure 1

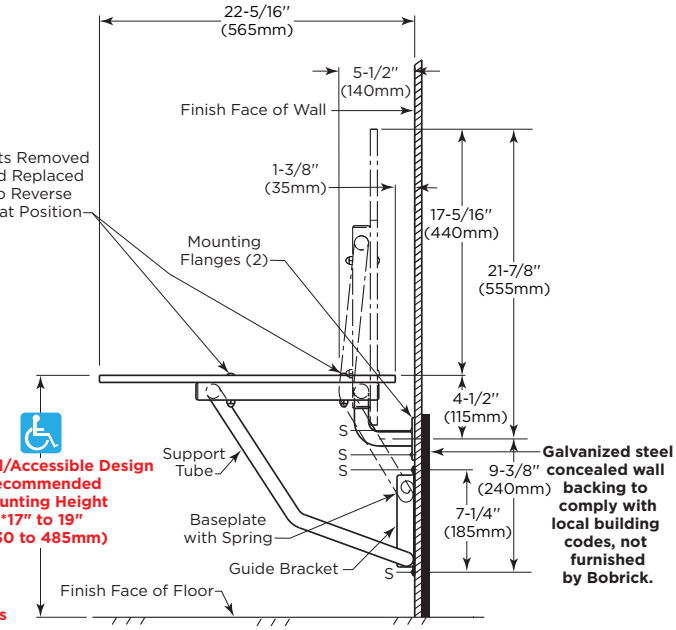


Figure 2

Installation to Wall. Secure unit to wall at points indicated by an *S*, with the two Mounting Flanges located at top and the Baseplate and Guide Bracket below. The bottom of the Support Tube must be positioned within the Baseplate and Guide Bracket before they are secured to wall. * Mounting height of shower seat must comply with local building codes.

1. Install Mounting Flanges to Wall.

A. Locate seat horizontally on wall to comply with local building codes.
B. Use Mounting Flanges as templates to mark holes.
   1) Check to make sure seat surface is horizontal and Mounting Flanges are flat against wall.
   2) Make sure holes marked for Mounting Flanges align with wall backing.
C. Drill holes for Mounting Flange fasteners and secure Mounting Flanges to wall with #14 x 2-1/2" (6.3 x 65mm) stainless steel mounting screws furnished by manufacturer.
D. Check to see if seat moves freely from horizontal to vertical position.

IMPORTANT NOTES

1) **For stud wall construction**, recommend install galvanized steel wall backing plate minimum 14 gauge or 0.0785" thick (not furnished by Bobrick). Plywood and phenolic wall backing are not recommended (see Figure 2 and 3). Backing must be provided before the finished shower wall is applied. Before installing stainless steel mounting screws, use harder galvanized, cadmium plated self-tapping screw (not furnished by manufacturer) to create threads in the galvanized steel backing plate. Secure with #14 x 2-1/2" (6.3 x 65mm) stainless steel mounting screws furnished by manufacturer. Use 3" to 3-1/2" (75mm to 90mm) long mounting screws if backing plate is deeper in the wall. Use silicone sealant in mounting screw hole to water-proof connection.
2) **For concrete walls,** provide plastic anchors (5/16", 8mm diameter) or expansion shields (1/4", 6.35mm diameter) for use with #14 x 2-1/2" (6.3 x 65mm) stainless steel mounting screws, furnished by manufacturer.Before installing stainless steel mounting screws, use harder galvanized, cadmium plated self-tapping screw (not furnished by manufacturer) to create threads in plastic anchor. Use silicone sealant in anchor to water-proof connection. Wall anchors and expansion shields not furnished by Bobrick.

2. Install Baseplate with Spring and Guide Bracket to Wall.

A. Support seat in level horizontal position.
B. Locate Guide Bracket on wall with bottom center of Support Tube resting on bottom of Guide Bracket (see Figure 2).
C. Mark holes on wall using Guide Bracket as a template.
D. Drill holes in wall for #14 x 2-1/2" (6.3 x 65mm) stainless steel mounting screws furnished by manufacturer. (see Figure 3).
E. Place Baseplate on wall with curled spring at top aligning holes in Baseplate with fasteners.
F. Place Guide Bracket over Support Tube and fasten to wall.

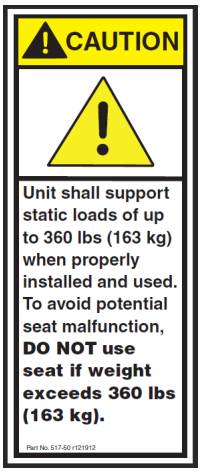
3. Install Safety Plate to Wall

Safety Plate illustrated on page 2 is to be mounted on wall near Shower Seat in order to properly advise users of the Seat's weight restrictions. Correct installation of the Safety Plate will ensure that the Shower Seat meets A.N.S.I. Standards.

Permanently affix Safety Plate to wall on either side of the Shower Seat at a minimum height of 30" (760mm). If mounted above Seat, the Safety Plate must be high enough so that it is not covered when Seat is on the up position. Mounting screws (4) are recommended, but double-sided tape on rear of Safety Plate may be used for very smooth, non-porous surfaces.

continued . . .

SAFETY WARNING: Shower seats are no stronger than the anchors and walls to which they are attached and must be firmly secured in order to support the loads for which they are intended. Consult and comply with local building codes. To avoid potential injury, the building owner or maintenance personnel should remove the shower seat from service if the shower seat is not adequately secured to the wall. Unit shall support static loads of up to 360 lbs (163 kg) when properly installed and used. To avoid potential seat malfunction, DO NOT use seat if weight exceeds 360 lbs (163 kg).



4. Test Installation.

A. Raise and lower seat to make sure seat moves freely.
B. When seat is raised parallel to the wall, it will remain in this position until lowered (see Figure 2).
C. Examine seat, fasteners, Mounting Flanges, Baseplate, and Guide Bracket to make sure there are no loose fastenings.

How to Reverse Shower Seat. The compact-grade laminate shower seat surface may be positioned on the stainless steel frame with the longer 19-5/8" (500mm) side on the left or right (see Figure 1). The repositioning of the shower seat surface may be done on the frame before installation on the wall, or after the unit has been installed.

If repositioning the seat surface before installation of the unit on the wall; place entire unit on a horizontal surface; remove carriage bolts and acorn nuts (4); turn seat over reversing position of long and short ends; reinstall carriage bolts and acorn nuts.

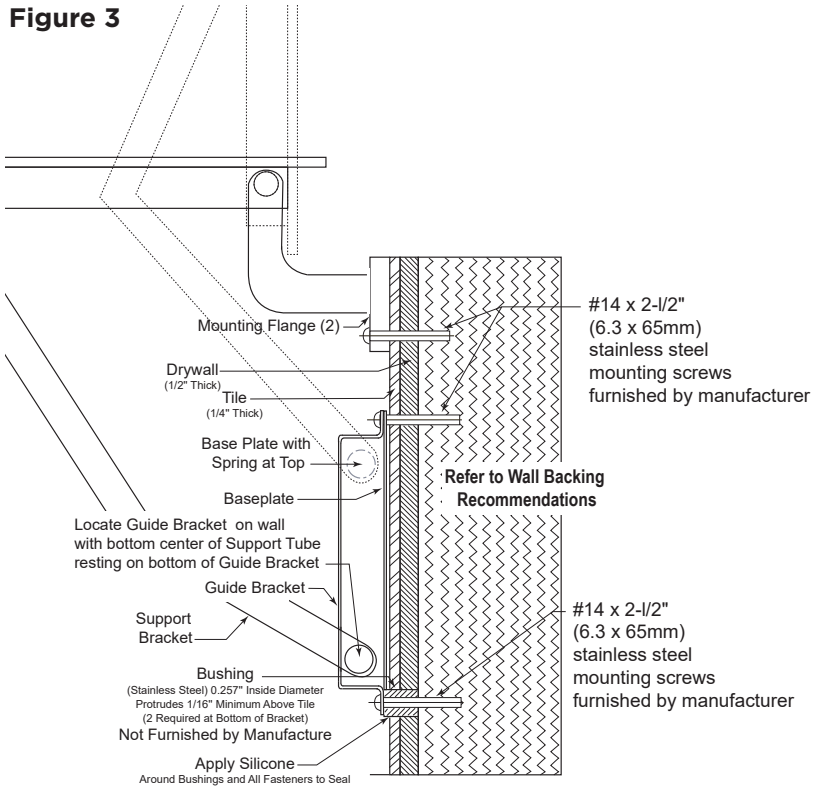
If repositioning the seat surface after the unit has been installed on the wall; lower folding seat to horizontal position; remove carriage bolts and acorn nuts (4); turn seat over reversing position of long and short ends; reinstall carriage bolts and acorn nuts.

Important Notes: Support square frame tubes when loosening and removing carriage bolts and acorn nuts; the square frame tubes may separate from the round tubes that support the solid phenolic shower seat. If square and round frame tubes come apart when compact-grade laminate shower seat is removed, reassemble by placing round frame tube ends in the round holes on the sides of the square frame tubes.

OPERATION:

Shower seat folds up against wall when not in use. The spring at the top of the Baseplate holds seat in upright position until released by pulling the top of the seat away from the wall. The seat does not return automatically to the upright position after use. Mounting Flanges and Guide Bracket allow for varying mounting heights and leave the floor clear for easy cleaning. Nonporous, water-resistant, compact-grade laminate seat has slots to permit water to drain, does not splinter or require oiling, and will not support growth of bacteria. Slotless round-head carriage bolts and acorn nuts provide additional safety to user. Shower seat, when properly installed, has sufficient strength to support 360 lbs (163 kg), complying with accessible design guidelines (including ADAAG in the U.S.A.) for structural strength.

Figure 3



Wall Backing Recommendations

Steel Stud Wall Construction

A. Steel Studs. 14 gauge preferred; no less than 16 gauge.

B. Backing.

1) Galvanized steel plate, 14 gauge, 36" wide x 24" high.
2) Position steel plate on finished floor. Locate 36" out from shower comer. Extend 24" high.
3) Position steel plate across 3 vertical studs.

C. Backing secured to studs.

1) Steel stud framers install backing plate to studs.
2) Framers use flat-head, sheet metal, self-tapping screws.

Wood Stud Wall Construction

A. Backing.

1) Galvanized steel plate, 14 gauge, 36" wide x 24" high.
2) Position steel plate on finished floor. Locate 36" out from shower comer. Extend 24" high.
3) Position steel plate across 3 vertical studs.

B. Backing secured to studs.

1) Steel plate secured to wood studs with #10 x 3" (75mm) flat-head, stainless steel, self-tapping, dry wall, deck type screws with coarse thread.

Prefabricated Showert Stalls

A. Backing.

1) Galvanized steel plate, 14 gauge, 36" wide x 24" high.
2) Position steel plate on finished floor. Locate 36" out from shower comer. Extend 24" high.

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