



Federal Brace  
BEAUTIFULLY CRAFTED CONFIDENT SUPPORT

## BENCH BRACKET | *Cascata*



### CASCATA HIDDEN BENCH BRACKETS INSTALLATION INSTRUCTIONS

Every successful countertop installation begins with good planning and action. Do not wait until the last minute to order your countertop supports, fasteners or adhesives for installation. Make sure that all aspects of the support substructure are considered and discussed to insure that your countertop installation will be smooth and that your countertop support products will be sufficient.

*Note that this installation document should not be considered a specific recommendation for your particular application. Federal Brace cannot provide installation guidelines to meet the particulars of every application. This document should be considered a help sheet that provides considerations about the general characteristics of a particular type of support and installation.*

#### Characteristics of the Cascata Hidden Bench Bracket

The Cascata bench support is designed to be relatively hidden while providing the required support for a granite or marble seat and a person's weight. The 1.5" down flange is used for mounting while the 0.50 L channels act as a gusset and provide the support required.

The Cascata also has 14" long sides have a 2" gap in the rear and are designed to fit comfortably in a corner shower setting. Each mounting flange has 3 1/4 holes. It is also made of stainless steel material which will add additional corrosion resistance in a wet area.

#### Considerations when Installing the Cascata Hidden Bench Bracket:

This installation should be done by someone with some construction knowledge as it is not a beginner project.

We recommend installing the bench support prior to tiling. With the cement backer board in place, position the bracket in the corner at the desired height. Using a level, make sure the bracket is slightly tilted downwards along the wall and that the cross brace is level. This will prevent water from pooling accumulating in the seat. A pitch of about 1/4" down per 12" horizontal is ideal.

Hold the bracket in place and use a pen or pencil to mark the hole locations. Put the bracket aside. Check each hole location to determine whether or not it is on a stud.\* At this point you want to drill pilot holes. A 3/16" concrete drill bit will need to be used to cut through the cement backer board, be sure to protect yourself from the silica dust by wearing goggles and a mask. Cut the hole through the backer board for the anchors. In addition, for each hole that is over a stud, you will also need to drill a pilot hole with a 3/16" bit. For each hole that is not over a stud install anchors using the manufacturers instructions. Once all holes have been drilled and anchors installed, put the bracket back in position and install it with 1/4" diameter screws (being sure to

follow the fastener manufacturers guidelines). All walls in a home are not square so at this point you will want to check your level and shim as needed on the sides to achieve square.

Once the bracket is in place, you are ready to tile around the edges. Follow normal tiling instructions being sure to silicone around each screw hole and flange edge to be sure it is water-tight. The Cascata is designed to support a granite, quartz or other similar solid surface which will also need to be adhered to the bracket using silicone adhesive designed for wet places

Final step is to enjoy your work and your new shower seat! We are thankful that you chose to support your shower bench with Federal Brace brackets. Please send us images of your new bench and brackets that support them.

We would love to add your work to our gallery to see Federal Brace at work.

Also, know that the highest compliment Federal Brace can be given is a reference from our customers to friends and family. If you have enjoyed your buying experience with Federal Brace please let someone know.