



U-channel installed within a mixed column of wood and stone

Bottom Seal Options

The bottom seal is a piece of rubber which is inserted into the bottom of the weighted slidebar during the installation process. This bottom seal will rest on the floor to seal the bottom of the area when the motorized screen has been lowered into place.

The compression of the bottom seal is achieved by adjusting the weighted slidebar closer to the floor during the final setting of the lower limits of the motor. If the weight bar is adjusted to be lower it puts more pressure on the seal. Too much weight and the screen above the slidebar will begin to sag and look baggy, too little weight and gaps of light will show from underneath the bottom seal when it comes in contact with the floor. A happy medium must be achieved between the two conditions to get a clean crisp look from the screens and a good seal on the bottom of the screen.

The bottom seal is available in four sizes, (1 3/4", 3", 4", 6") in a non-compressed state. The determination of which bottom seal to use is typically affected by:

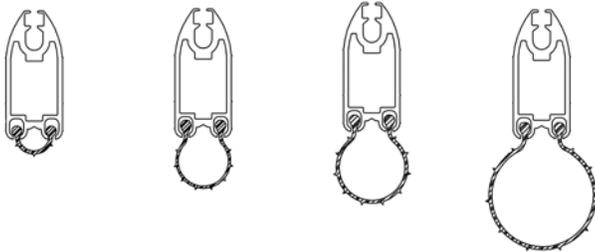
- » The application type (either a square or arched opening)
- » Type of finished flooring installed
- » The size of existing mortar joints
- » How level the floor is across the opening from U-channel to U-channel
- » Any decorative trim used to wrap the columns on the top or bottom

Any decorative trim such as corbels and cornices that wrap the columns where the U-channel has been embedded can affect the selection of the size of the bottom seal. This decorative trim is usually placed on the bottom or the tops of the columns and can sometimes be on both areas depending on the architectural style.

Any type of decorative trim can cause problems when it has not been cut back far enough away from the U-channel and will cause the bottom seal to rub or catch as it is lowered or raised. To avoid this it is important to select the correct size of bottom seal and ensure the decorative trim is cut away from the path of the slidebar.

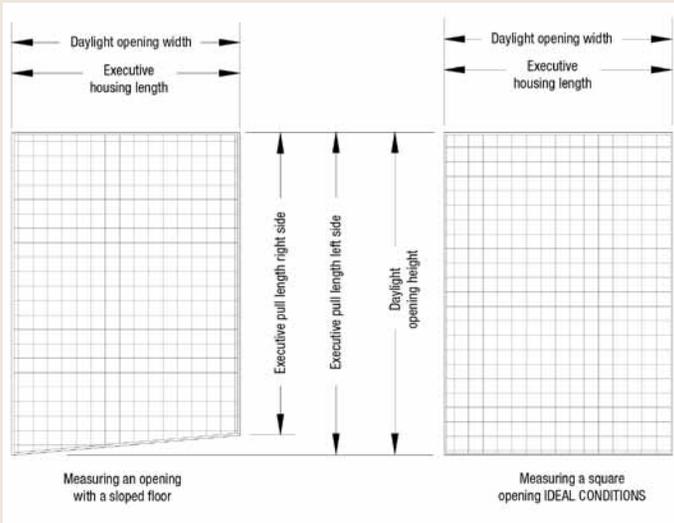
When an installation involves arches the slidebar and the bottom seal usually need to be retracted up into the arched opening to be out of sight. When this is required the correct selection of the bottom seal in conjunction with the correct opening size created during the framing and finishing stages of the arches must go hand-in-hand.

1.75" Bottom seal 3" Bottom seal 4" Bottom seal 6" Bottom seal



3/8" adequate clearance edge needed

Bottom seal catching on decorative trim due to inadequate clearance from edge of U-channel



Floor Slopes

There may be conditions where the floor slopes away from the home usually on the sides to drain water entering the screened area. These slopes can be accommodated by having the mesh trimmed at an angle to achieve a near level appearance across the bottom of the opening. The diagram and chart, right, show the measuring required for the opening and the maximum slopes that can be accommodated during the manufacturing of the mesh.

Mesh trimming, if required, will be done to the following specifications:

- » Units up to 36" wide – no trim will be done.
- » Units 37" to 72" wide – ½" min. to 1" max.
- » Units 73" to 168" wide – ½" min. to 3" max.
- » Units 169" to 300" wide – ½" min. to 6" max.

Please be aware that any mesh requiring a tapered bottom to accommodate any difference in pull length from left to right will need to be shimmed at the roller to ensure the sidebar is level with the opening in the bottom of the cavity once retracted. This can be difficult if the taper is severe and should be taken into account when choosing to have a taper cut in the mesh.