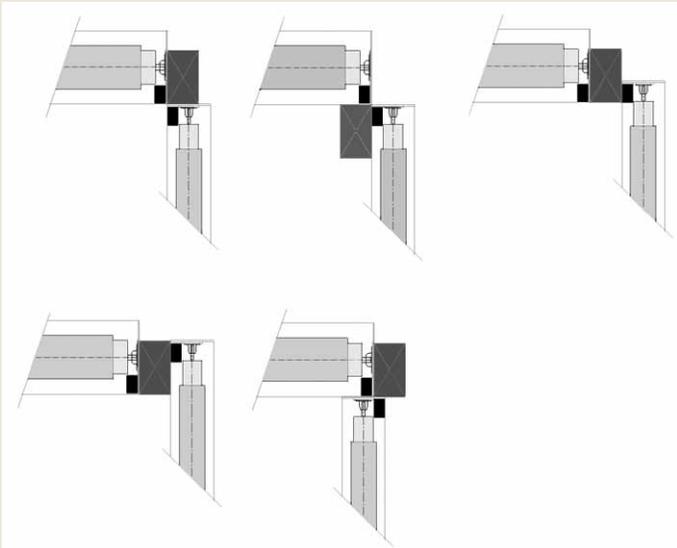


Special Considerations



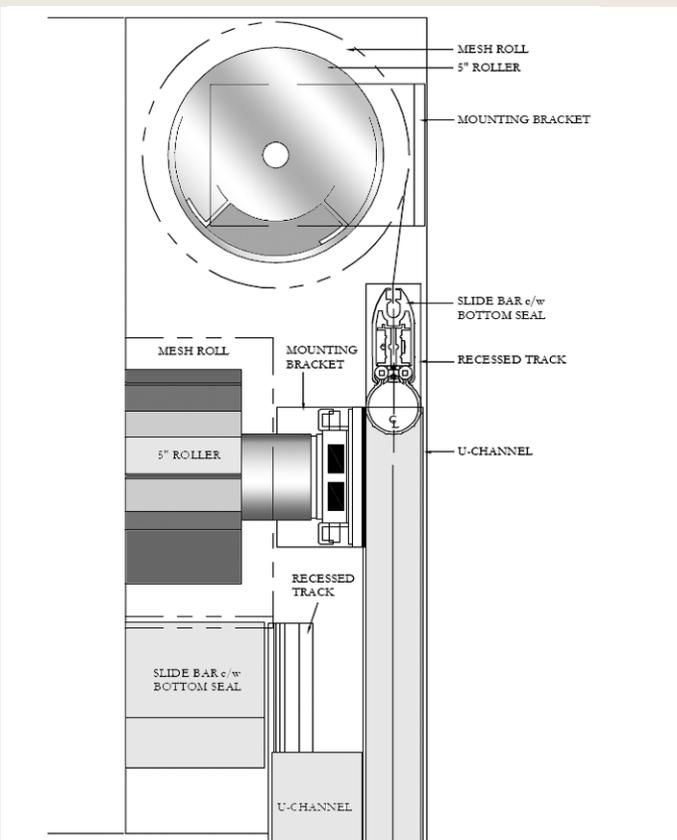
Different corner roller configurations

Mounting Location Limitations

During the planning stages for the installation of motorized screens there may be conditions that arise that will require special attention to detail or require re-engineering of a specific area to accommodate the placement of the screens.

For example, one of the conditions that may arise is the placement of the U-channel and rollers in corner areas which have inadequate room allocated for their housing. The diagrams on this page show different scenarios to accommodate the rollers, their mounting hardware and the U-channel which will be embedded into the columns.

An alternative to solve this corner issue is to stack the rollers one above the other as depicted in the diagram below left. The disadvantage to this is that the cavity size must be much taller to house the two stacked rollers.



Stacked rollers over each other



Stacked rollers inside a corner cavity

Special Considerations



Roller fitted into the cavity after the final stages of the construction are finished



Communication between distributor and builder results in an on-time install

Determining Roller Sizes for Continuity

In some projects there are two different heights of screen to be installed and one of the units will require a larger roller than the other. This can cause two different roll up speeds, which may not be appealing to the customer.

When this occurs it may be beneficial to make all of the rollers in the units the same size as the largest one to achieve the same roll up speed. The only scenario where two different speeds of roll up may be acceptable is when one of the screens is to be used as an egress screen. In this case it may be beneficial for this unit to roll up faster than the others to avoid having to wait too long to enter and exit the area. If this is a requirement a faster motor may be ordered for this egress screen only. However it will be noticeably faster than the other units when all the other screens are operating simultaneously.

Timing the Installation

It is important to consider the timing of the installation of recessed motorized screens in conjunction with the final stages of the overall construction of the area to be screened. The screens should always be one of the last items installed and the actual installation of the rollers, motors and mesh should only be done after all finishing work to the headers and columns have been completed. At this point cavity covers should have been designed and fitted into place, painting and touch up should have been completed. This is to prevent damage to the screens' mesh or the bottom seal as a result of paint overspray, touchup work or dust and dirt building up on the mesh as a result of the continued construction process.

In order to allow for variances to be addressed in the floor level and slope in the manufacturing process of the screens, the final measure up for the screens should only happen when the finished floor has been completely installed.