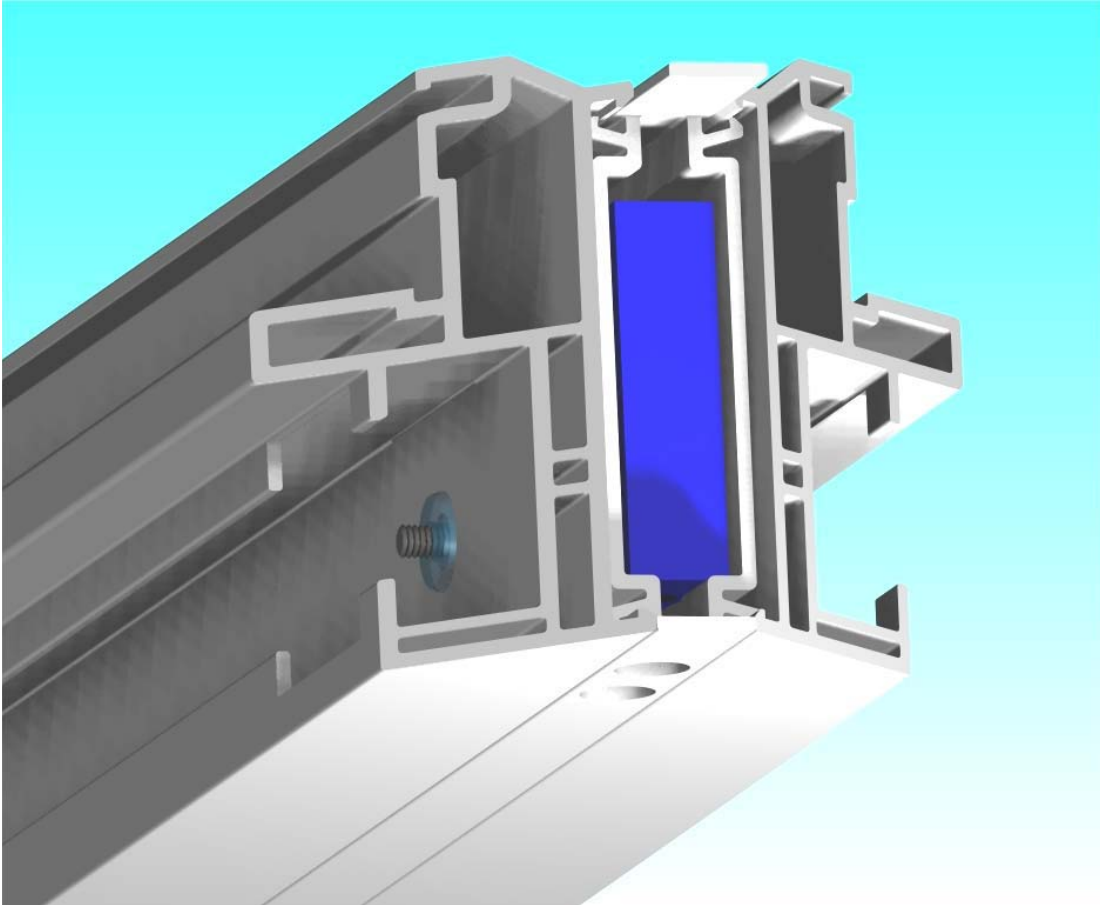
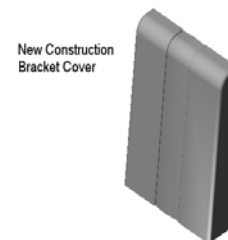
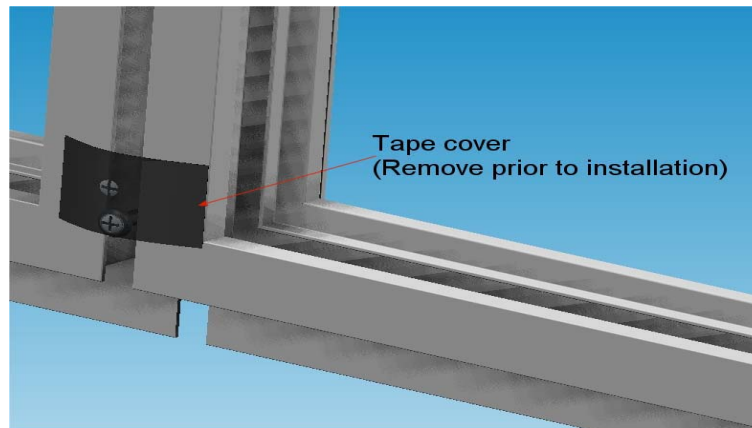


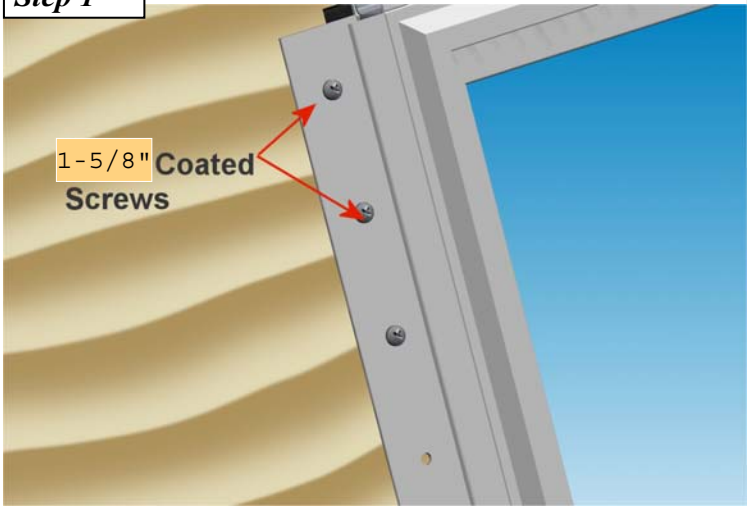
DP 50 Structural Mull NEW CONSTRUCTION WINDOWS



The muller unit will come Pre-Assembled. The unit will have 4 tapped holes; 2 at the bottom and 2 at the top of the Mullion. In each hole there is a 1/4-20 x3/4" Pan head machine bolt (See Fig A). Covering the bolt is a protective tape this is to be removed prior to installation. Included in the mull package are: 2-1/2" installation screws (FigB), Structural bracket (Fig C) and Bracket Cover (Fig. D).

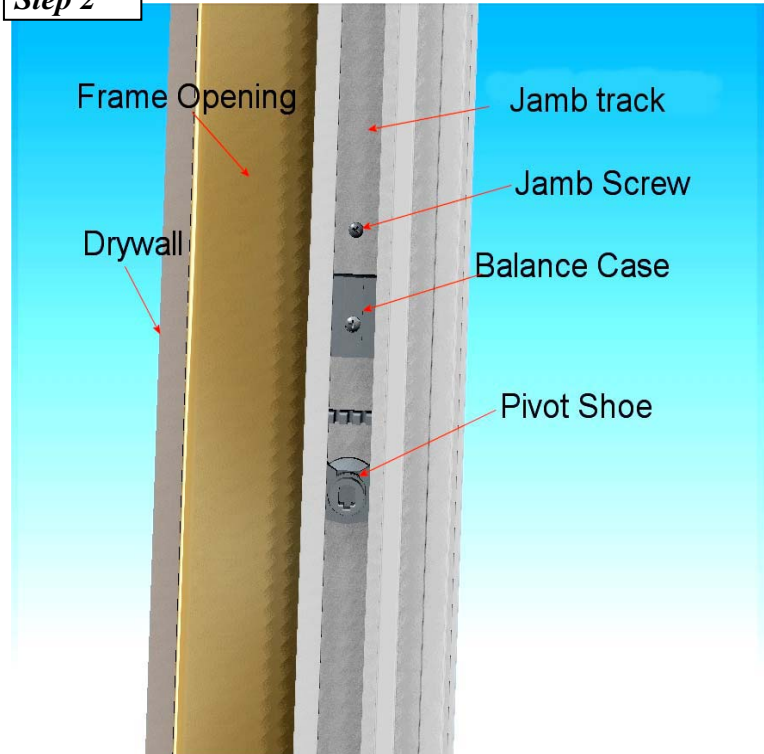


Step 1



Install mulled window units into opening, make sure that all holes in the nail fin are used. (Use 1-5/8" coated Screws). See Fig. 1 and refer to manufacturers installation procedures for windows. Make sure windows are plumb level and square and properly supported across the sill.

Step 2



Install an installation Jamb screw into the jamb 1" above the Balance Case. The Balance Case is located inside the jamb track. The installation Jamb screw will secure frame to opening (do not over tighten). Repeat with opposite side. See Fig. 2

Once the unit is properly installed, the structural Mullion Bracket System (SMBS) will need to be assembled. The following procedures will be shown for the Sill; after completion, repeat for head.

Step 3

Remove bolts in the bottom half of the mullion. Caulk the backside and bottom of the bracket as shown. (The bracket has a corrosion resistant coating but as an extra measure of protection, a weather resistant silicone caulking should be used). See Fig. 3

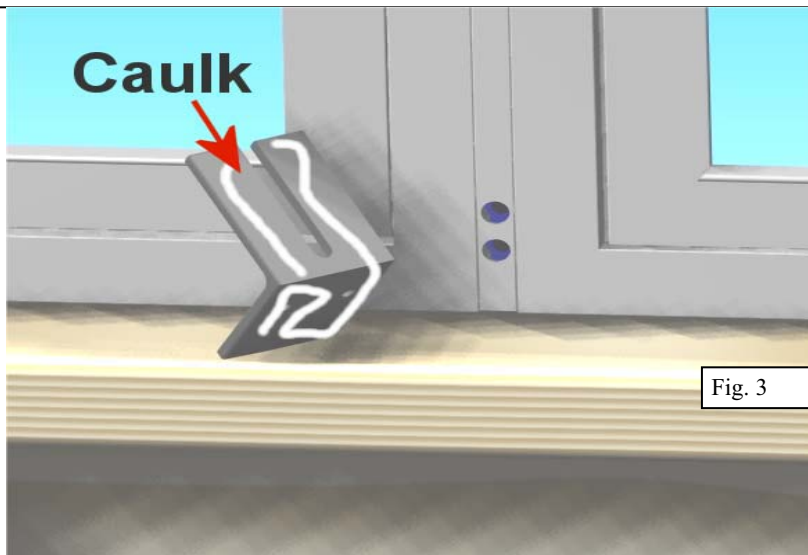


Fig. 3

Step 4 Mounting Bracket

Place bracket over tapped holes in the mullion. See Fig. 4

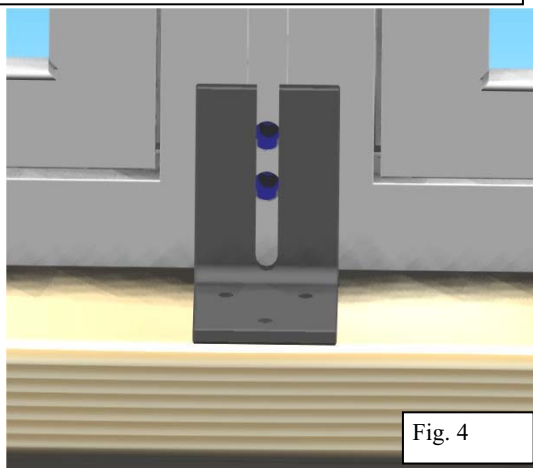


Fig. 4

Insert Bolts through bracket and into the mullion to form a snug fit (do not fully tighten). Install 2-1/2" installation screws into each of the three holes. Complete the assembly by tightening the bolts the rest of the way. See Fig. 4A

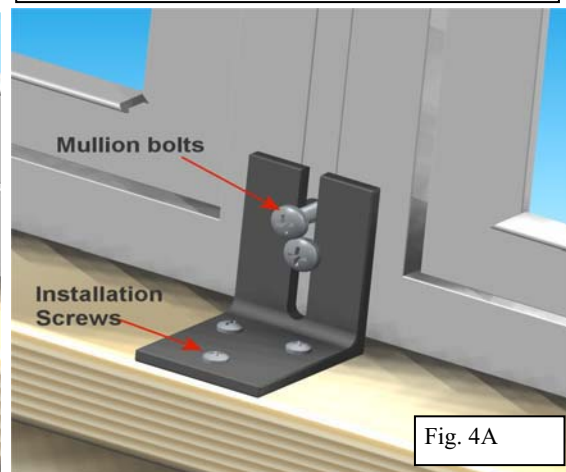
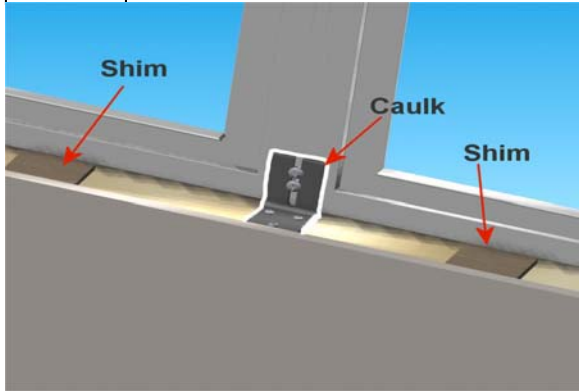


Fig. 4A

Step 5 Repeat steps 3 & 4 for head



Step 7A Notched Stool Board

Cut a notch in the stool board 2" in width. (This will allow the stool board to fit around the bracket giving a flush mount to the window. (See figure 7A)

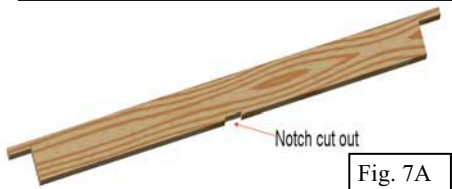


Fig. 7A

Step 6

Attach shims on the sill to level stool board.
 Make sure the height of the drywall is adjusted for bracket height at the head and sill; for different trim applications. Caulk around entire bracket as shown. Repeat the same procedure for head.

Step 7B Flat Edge Option

If this option is chosen the stool board can be butted up to the bracket. The stool board does not have recessed notch; because of bracket depth their will be a 3/16" gap between the stool and window frame. (See fig. 7B)



Fig. 7B

Step 7AA

Apply stool board on top of the shims on the sill of the opening See Fig 7AA

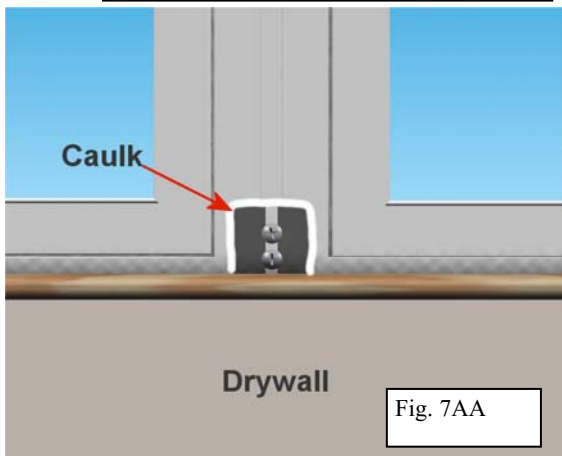


Fig. 7AA

Step 7BB

Apply Stool board on top of the shims on the sill of the opening See fig 6. Caulk the edge where stool board and window frame meet, it is recommended that a backer rod be used. Note: use a caulk that will match Stool Board or window color. See Fig. 7BB

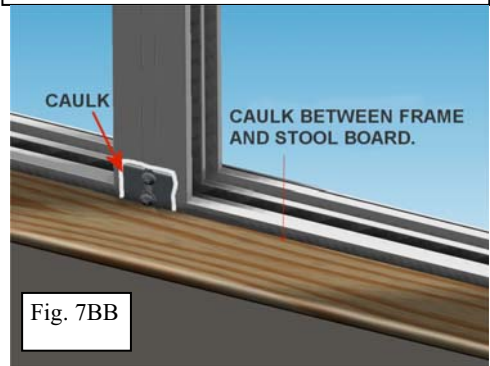
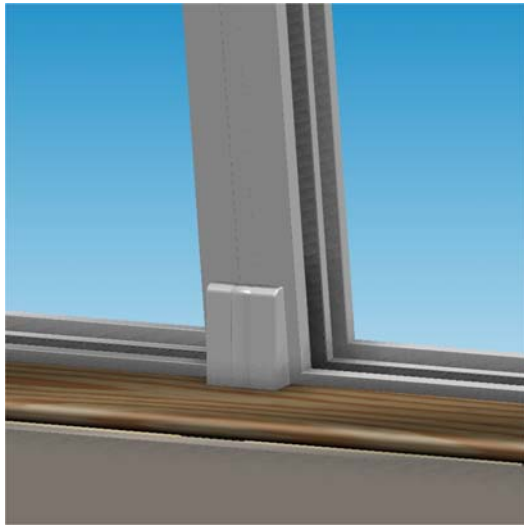


Fig. 7BB

Step 8 Final Assembly



Apply Bracket Cover over mullion Bracket and repeat for Head. Note: be sure to clean excess caulk around bracket cover.

Finished Window



Finish the installation as required.