CORRECTING A TIGHT SHUT ON A SELF-ADJUSTING SILL

1) Confirm

a) Confirm that the top hinge has two 2-1/2” wood screws going into the frame. These long screws must be in place for proper operation of your door unit. Reference fig.1. Please add these screws if they are not in the top hinge.

b) Confirm you have the correct sweep by opening your door wide and viewing your sweep from the end. It should look like fig.2 with two fins down each side. If your sweep doesn’t look like this, you will need to contact: MastercraftDoorHelp@MidwestManufacturing.com

After doing these steps, shut your door, to see if this has corrected the tight shut. If not, please continue onto the following steps.

2) Check For Correct Level

a) Verify your sill is level by placing a 24” level on the sill crown, Reference fig.3. Make sure there are no gaps on either end of the level and that the level sits flat on the sill crown. If your sill is level, move on to Step 3.

b) If your sill is not level, Reference fig.4, it will need to be corrected. A door that is out of level will adversely affect the rest of your install and performance of your door.

3) Check For Square

a) Place a 24”x16” square on the sill and gently slide it to the lock side of the jamb. Stop when the square just touches the jamb. If your jamb is square (no gaps are between the square and the jamb), Reference fig.5 and skip to Step 5.

b) Any gaps, Reference fig.6, will need to be corrected. To square your door, continue on to the following steps.
4) Square Your Door

If your door is fully installed, you will need to remove the interior casing. Close your door before you start shimming.

a) If the gap is at the bottom corner, Reference fig.7, you will need to shim (between the jamb and the rough opening) in the specific locations, Reference fig.8. It is important that you still maintain proper margins, Reference fig.9, between the door and the jamb.

b) If the gap is at the top portion of the square, Reference fig.10, you will need to shim (between the jamb and the rough opening) in the specific locations, Reference fig.11. Again, it is important that you still maintain proper margins, Reference fig.9, between the door and the jamb.

If you would like additional help on shimming your door, detailed install instructions can be found on www.MidwestManufacturing.com

5) Verify

After adjustments have been made, verification will need to be addressed to other areas. This will make sure no other changes occurred, that could affect the performance of your door.

Check that the corner seals have not shifted. If they are pinching the adjusting rail, they will have to be removed and replaced with new ones. The corner seals should sit flush with the bottom of the adjusting rail. Reference fig.12. After the new ones are in place a bead of caulk is required to run from the front of the sill to the back of the sill. Reference fig.13.

Also verify that a bead of Silicone caulking was used: under the sill, to the sub floor and on the backside of the brickmoulding, to the exterior wall.

The corner seals are a stock item at your local Menards store. Detailed install instructions on Corner Seal Replacement can be found on www.MidwestManufacturing.com

Questions or Concerns: For guest assistance contact MASTERCRAFT® by sending an email to: MastercraftDoorHelp@MidwestManufacturing.com