



# Pocket Door Installation Instructions

Before getting started: Read instructions thoroughly. Be sure that you have the necessary tools and materials before starting the installation. Consult your local building code official for all applicable building codes and regulations. Should any of your local building codes or regulations conflict with this manual, consult with the manufacturer before proceeding.

It is highly recommended that the roof loads be applied prior to the installation of the windows & doors. This will help ensure that any possible header deflection will have occurred, making the framed opening more stable.

Inspect the door frame & panels for any damage. If any damage is present, notify manufacturer prior to installation. Failure to notify manufacturer prior to installation could affect the warranty of the product.

If you are using a KD or Knock Down version of this door, frame assembly instructions can be found at the end of the installation instructions.

Measure the frame size & verify that it will fit the opening. Verify that the opening is plumb, level & square. If the opening is not plumb, level & square, it will limit the amount of adjustments that can be made to the door prior to panel installation. In order to correctly install & adjust the pocket door, the interior wall of the pocket should be installed **after the door has been installed and adjusted.**

If any of the frame work is not level or free from sags & crowns, it will seriously impact the ability to fully adjust the finished patio door. The head and sill should be shimmed away from the exterior wall approximately 1/8". This will allow for any bows in the wall and will make final adjustment easier.

The sub-sill needs to be level & free from any debris. The door sill must be completely supported by the sub-sill. Sill pans (done by others) are required on all installations. Failure to use a sill pan will void your warranty against water leakage. Sill pans must be bonded to the sub-sill before the opening is flashed. The door sill must be bonded and screwed down. The adhesive and fasteners depend on the construction of the pan and sub-sill. Due to the custom nature of the pocket door, nail fin cannot be used during installation. The frame must be installed as a block frame installation. Sealing of the door is to be done in accordance with AAMA standards.

It is important to shim the jamb & head at least every 24". Shims should be positioned & adjusted insuring that the patio door frame is plumb & level. Please note, shimming behind the keeper is critical for years of service free operation. Most of the fasteners for the shims can be hidden behind the track covers. Track covers can easily be removed & replaced.

**Sealant to be spec'd & approved by the flashing manufacturer.**

Now it's time to set the panels. It may be necessary to lower the rollers prior to setting the panels. Do not install the keeper until final adjustment to the door are made. The flush hardware and Nexus two point lock is installed at the factory. Should you need to remove the hardware, do not use a screw gun or impact driver, as it may damage the hardware.

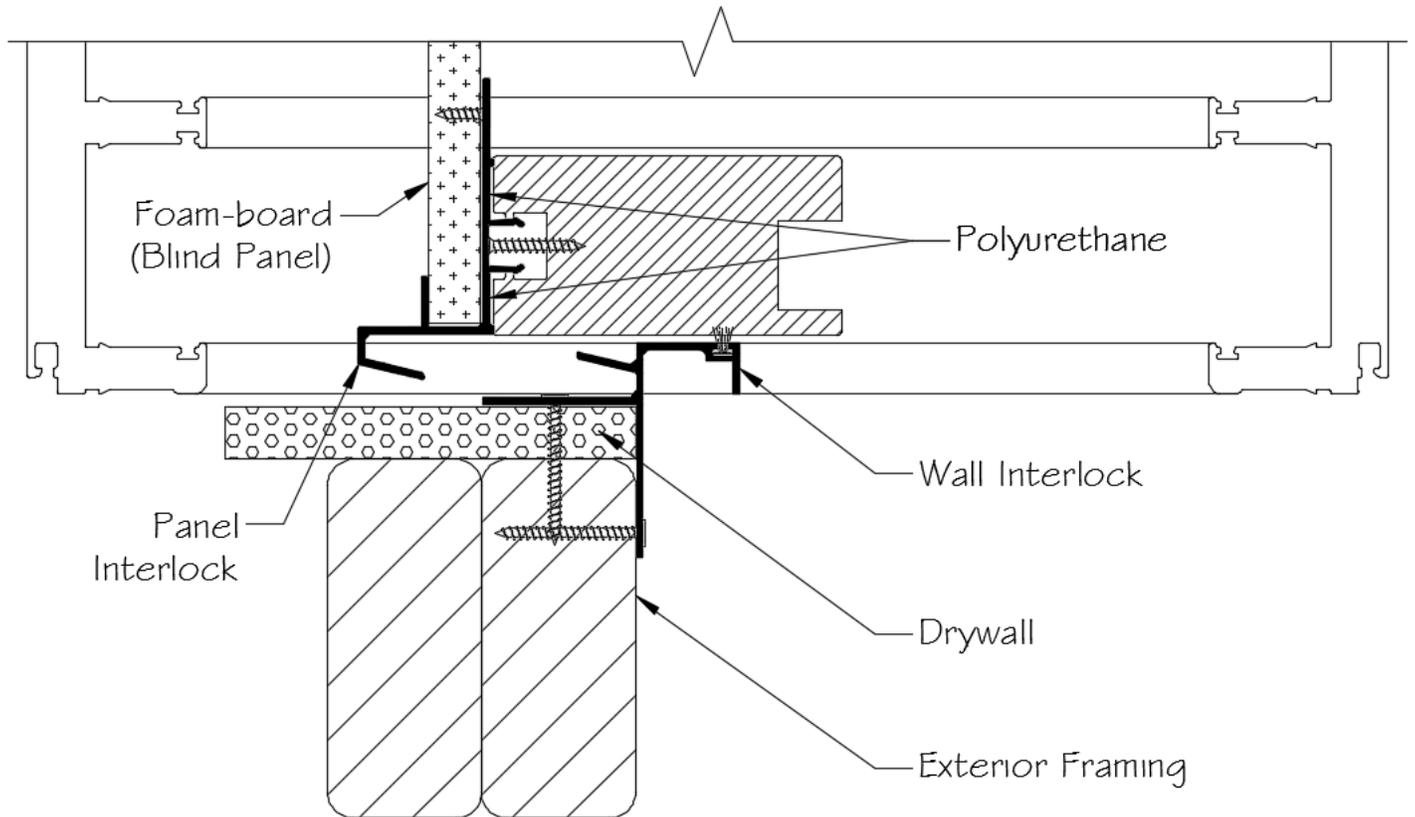
Now that the frame & panels are installed, it is time to adjust the rollers. Remove the 3/8 hole plugs at the bottom of the panel. They can be found on each edge of the door panel. Adjust the rollers up, but be sure that the bottom of the panel is still fully engaging the weather stripping. Do not adjust the roller using a screw gun or impact driver, as it may damage the roller. It may be difficult to adjust the roller up with the weight of the panel on the roller. It is easier to lift the panel & take the weight off of the panel as you are adjust them up. Slide the door open & closed. If any rolling resistance is felt now is the time to identify it.



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Slide the panel until the edge of the sash is 1/8" from the jamb. Take a look at the reveal. If the reveal is off you will want to adjust the appropriate roller down until the reveal is correct. Next open the panel all of the way and check the reveal against the interlock of the next panel. If this reveal is off recheck that your frame is level and square.



Mount the Aluminum Wall Interlock to the exterior framing. Be sure that it is plumb and level. On the panel that is closest to the exterior wall, install the black Pocket Door Aluminum Stop to the top of the panel using the included #8 x 1 1/4" pan head TEK screws. The location for the stop has been pre-drilled at the factory. Next take the Aluminum Panel Interlock, and with the provided polyurethane, apply the adhesive to the interlock so that it will be adhered to the panel. Position the interlock against the bottom of the Pocket Door Aluminum Stop and using a block of wood and a rubber mallet to snap the interlock on the panel. Fasten the interlock to the panel using the predrilled holes and the #8 x 1 1/4" pan head TEK screws included with the hardware. Test the operation and check all of the reveals once more.



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## Installation Instructions (continued)

Give the door a couple open & close motions to ensure that everything is adjusted. Once you have verified everything is good, replace the 3/8 hole plugs in the bottom of the active panels. Slip the black 1/2" foam-board into the Interlock in the channel provided. Position the 1/2" foam-board against the bottom of the Pocket Door Aluminum Stop. In the pre-drilled holes use the #8 x 5/8" Flat Head Phillips screw included with the hardware to secure the panel. Once the foam-board is attached, test the operation of the door looking for any issues.

We have provided 10" pieces of the aluminum thresholds caps. These are to be used along with rubber bumpers and installed in the head of the door in the pocket. These act as the panel stops and can be trimmed to the desired length (for most installations, 6 1/4" is the desired length).

Once the desired length has been determined, use the polyurethane provided to adhere the rubber stops and cap in their final location. Repeated slamming from the panel can knock these loose, so don't skip this step.



While pressing the anti-slam button on the lock, put the lock in the locked position (see photo). Using a pencil, mark the height location of the locked jaws. While centering in the pocket, secure the keeper. **Important Note:** Use a non-compressible shim behind the keeper (between the frame & trimmer). This critical for years of service free operation. Don't forget to unlock the lock. Test the operation of the lock. Remember that the end users experience with the door will come from the ease of locking & unlocking, as well as the sliding of the door.

Once panels are installed and the door is adjusted to fit and operate correctly in your opening, it may be necessary to trim the Threshold Caps to fit. Please note that both caps **should not be a tight fit**. You want at least a 1/16" to 1/8" gap from the cap to the strike side jamb. Caulk the gap with sealant. If the Threshold Cap is installed tight it can split the main frame at the weld due to thermal expansion of the aluminum. This will not be covered under warranty. The Interior Threshold Cap has a black rubber Track Plug / Bumper that needs to be installed on the cover before you snap the covers in the track. The opposing Track Cover on the header will have the same Track Plug / Bumper. Please note, once the Threshold Caps have been installed they are difficult to remove without damaging them. Be sure they will fit properly before installing.



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## Installation Instructions (continued)

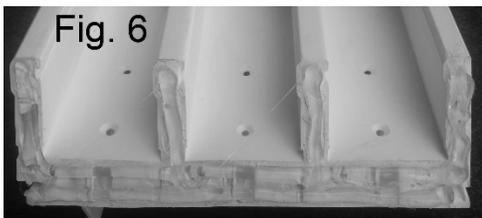
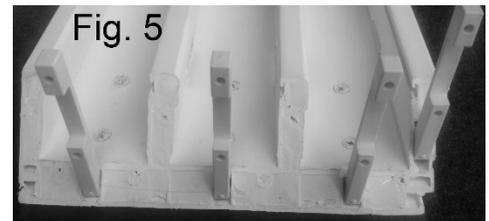
### Assembling the KD or Knock Down Frame

After you have unpacked the frame, start identifying your sill, head and jambs. The sash pockets will have two counter sunk holes at each corner. These holes are for the screws that hold the corner keys in place. The amount of keys you use will vary based on the number of sash pockets that your door has. At each corner you use one corner key for each pocket. Aside from the keys at the sash pockets there is one key on the exterior wall. That key only is to be installed without the use of screws.

Roller tracks have been installed at the factory. It will be necessary to remove the roller tracks before assembling the frame. Please pay close attention to the location and orientation of the track. Our tracks are offset and only install in one direction. Putting the track in the opposite direction will not allow the door to roll correctly.

Be sure to assemble the frame one corner at a time. You will notice that the mitered ends of the frame have been filled with sealant except where the locations of the corner keys go. Using the SM5555 seam sealer, caulk the ends of the remaining chambers before installing the corner keys. In the exterior wall, be careful that the seam sealer does not go into the pocket more than one inch. If it goes further than that it may start obstructing the weep hole, which could void your warranty.

After caulking the chambers, install the corner keys in one of the profiles. Using a #2 Phillips screwdriver, fasten the corner keys in place by using the provided #8 x 1/2" stainless steel screws (Fig 5). Remember that the corner key in the exterior wall does not require any screws.



On the opposing frame, caulk the ends of the remaining chambers with the seam sealer. Using the SM5555 seam sealer, apply a 3/16" beads across the entire miter (Fig 6). Align the two frame pieces to create the corner. Using a #2 Phillips screwdriver, fasten the corner keys in place by using the provided #8 x 1/2" stainless steel screws. Remember that the corner key in the exterior

wall does not require any screws.

If you used enough seam sealer, there should a large amount of squeeze out around corner. If your corner does not have seam sealer coming out of the joints, inspect the corner looking for excessive gaps or inconsistencies. If all of the opposing walls are sealed, clean off all of the excess seam sealer.

A small piece of L-channel has been provided and needs to be adhered to each corner of the assembled frame. Using the SM5555 seam sealer put a large bead on the inside corner of the L-channel. Next apply two to three beads of seam sealer on each side of the frame. Place the L-channel on the corner (Fig 7). The adhesive will hold the L-channel in place, but tape will ensure that it does not fall off during installation.



Repeat this process on the other three corners. When installing the frame, care should be taken not to allow mechanical corners to come apart.