SpecSlide™ Surface-Mounted Sliding Door System
Installation Instructions



Please read all design guidelines and instructions before beginning installation. Diagrams for each project are emailed to the Project Manager who places the order.

These instructions are provided to help prevent installation problems caused by most common errors. They are strictly recommendations and are not intended to be a step-by-step, foolproof installation checklist suitable for every situation. There are many variations of installations not covered in these instructions that Special-Lite assumes are general construction knowledge to an experienced installer.

WARNING: Failure to follow good practice in installation will void the warranty on Special-Lite products. Selection of an experienced installer is the sole responsibility of the project owner.

Questions? Call 1-800-821-6531 and ask for a Special-Lite Customer Service Representative.

You can find these and other Installation Instructions on Special-Lite's website at special-lite.com/installation-instructions.



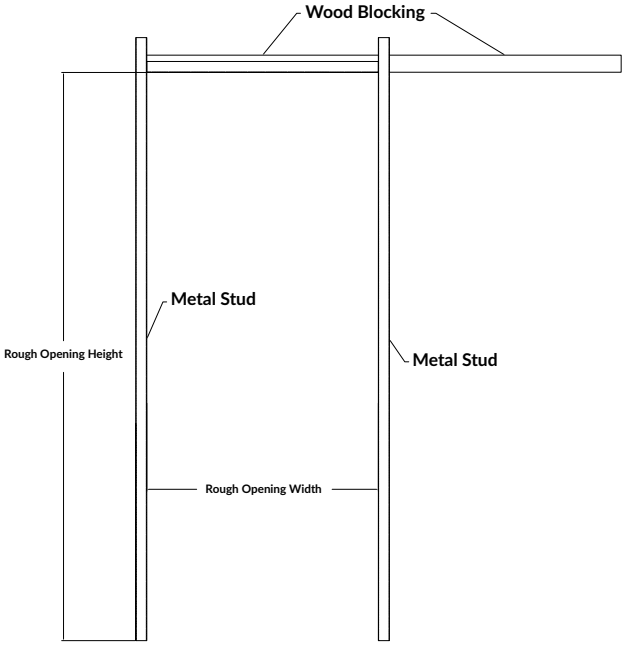
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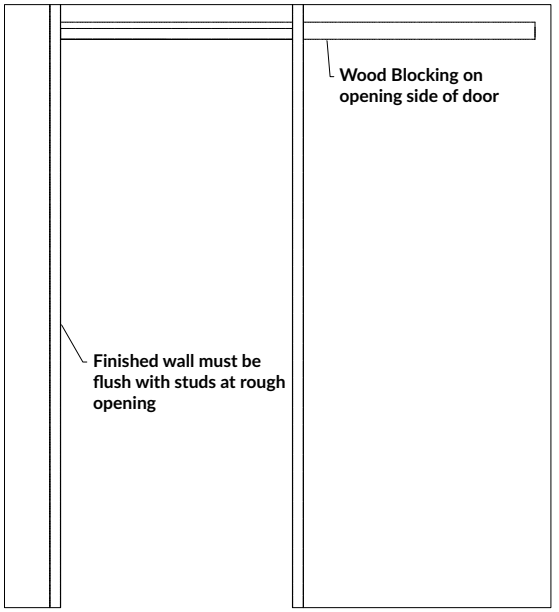
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Rough Opening and Blocking Requirements:

Before beginning installation:

- ☐ Verify that wood blocking has been installed as shown in the diagram. 3/4" x 3-1/2" minimum blocking is required for new construction
- ☐ Check that the Rough Opening Height and Width measurements match approved project drawings.
- ☐ Ensure that the vertical studs are inverted and that the drywall is trimmed flush to the studs in the opening.
- ☐ Check that walls are plumb and square.
- ☐ Verify that the wall thickness at the job site matches approved drawings. Cased opening frames are provided for specific wall thickness measurements. Any extra drywall compound buildup at the header or upper corners of the Rough Opening may need to be corrected before the frame can be installed to ensure no flaring at the head.

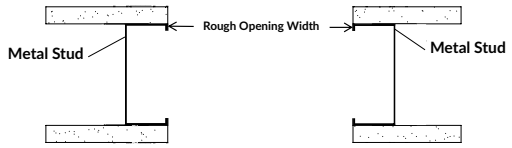




Flooring:

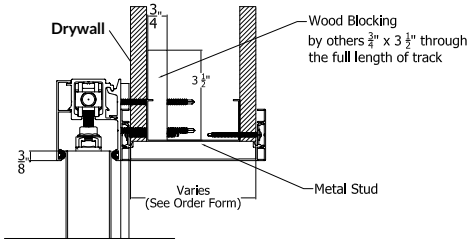
Installing frames after flooring is finished is preferred.

In cases where frames need to be installed before finished flooring (i.e. vinyl flooring coved up wall), frames will need to be shimmed to account for the finished flooring thickness.



Strike Jamb Detail

Bypass Jamb Detail

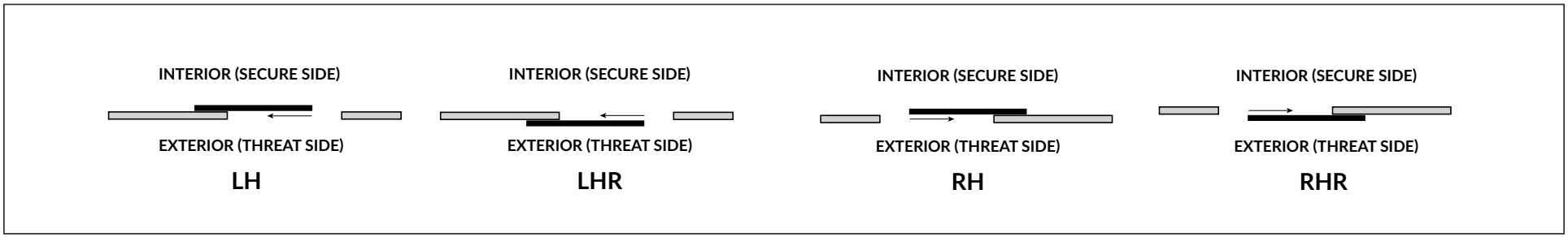


Header Detail

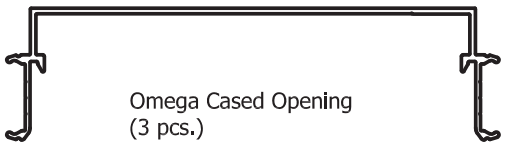
Recommended Tools:

- ◻ 3' Level
- ◻ 6' Level
- ◻ Laser Level
- ◻ Screw Gun and Drill
- ◻ 3/16" Drill Bit
- ◻ 1/4" Drill Bit
- ◻ 1/8" Drill Bit
- ◻ Hex Head: 4" Long, 5/16" Diameter
- ◻ Rubber Mallet and Wood Block
- ◻ 3 mm Allen Wrench (Soft Close Triggers, Stops and Lift Seal adjustment)
- ◻ #1 Phillips Screwdriver
- ◻ Two 13 mm Open-end Flat Wrenches (no thicker than 1/4") Supplied per opening (PT#10778)
- ◻ Vertical Adjustment Pin supplied (PT#10795)
- ◻ Rotary Hammer (concrete floor or block wall only)
- ◻ 3/16" Rotohammer Bit
- ◻ Two 12-inch Clamps
- ◻ Utility Knife
- ◻ Ladder

Handing Chart:



Parts List:



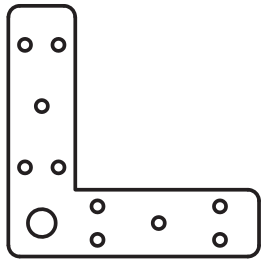
Omega Cased Opening
(3 pcs.)



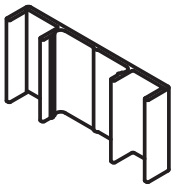
Omega 2" Trim
103-2
(7 pcs.)



Trailing Edge
Adhesive Gasket
PT-793B



Omega Corner Clip
PT-22-1003
(4 pcs.)



Wall Cleat Shim
PT-22-7012
(7 pcs.)



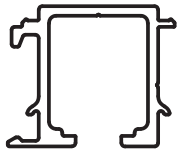
SpecSlide Wall Cleat
SS-002
(1 pc.)



SpecSlide Receiver Channel
SS-003
(1 pc.)



SpecSlide Receiver Snap Cover
SS-004
(1 pc.)

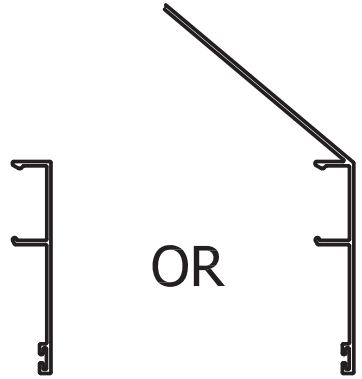


SpecSlide Sliding Track
SS-001
(1 pc.)



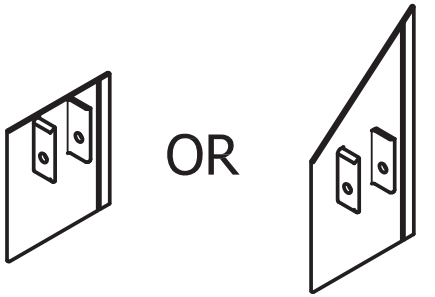
Suspension Locking Wrench
PT-10778
(1 pc.)

Vertical Adjustment Pin
PT-10795
(1 pc.)



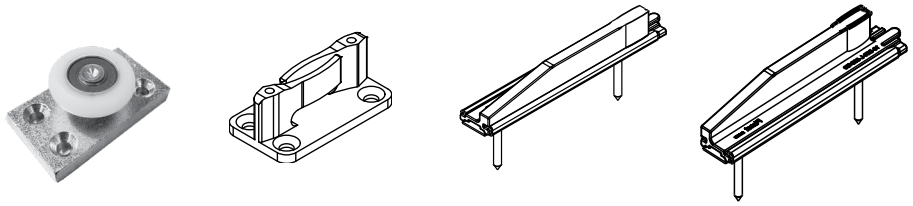
SpecSlide Square Fascia
SS-006
(1 pc.)

SpecSlide Sloped Fascia
SS-005
(1 pc.)



LH/RH Square End Caps
PT-22-7000/7008
(1 pc. each)

LH/RH Sloped End Caps
PT-22-7001/7002
(1 pc. each)



Floor guide provided based on door and door bottom selections.

Fastener List:

BAG

A



Omega Corner Clip Anchor
SL-PP0818012
#8 x 1/2" SELF DRILLING ANCHOR SCREWS
QTY = 20/Bag

B



Omega Metal Stud Anchor
SL-SCP-SDLH200
8 x 2" SELF DRILLING TRUSS WAFER SCREWS
QTY = 30/Bag

C



SpecSlide Metal Stud Anchor
SL-SCP-PF1214300
12-14 x 3" PHILLIPS FLAT HEAD SELF DRILLING
QTY = 16/Bag

D



Omega Wood Stud Anchor
SL-SCP-FTLH200
8 x 2" FINE THREAD TRUSS WAFER SCREWS
QTY = 30/Bag

E



SpecSlide Wood Stud Anchor
SL-SCP-FHW12300
12 x 3" PHILLIPS FLAT WOOD SCREW
QTY = 16/Bag

F



End Cap Locking Screw
SL-SCP-MSP1024200
#10-24 x 2" PHILLIPS MACHINE SCREW
QTY = 2/Bag

BAG

G



Standard Floor Guide Anchor Kit SL-SC-109 & SL-SC-120
12-11 X 1 1/2" PHIL FLAT HD -A-
QTY = 4

Optional

H



Omega Concrete Wall Anchor
SL-SCP-THWH14214
1/4 x 2-1/4" HEX HEAD TAPPER CONCRETE SCREWS
QTY = 24/Bag

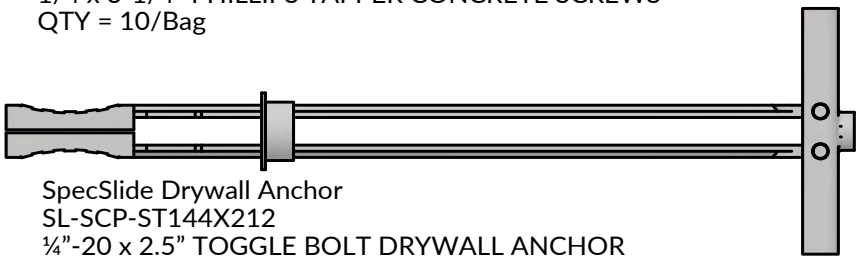
Optional

I



SpecSlide Concrete Wall Anchor
SL-SCP-TPFH14314
1/4 x 3-1/4" PHILLIPS TAPPER CONCRETE SCREWS
QTY = 10/Bag

J

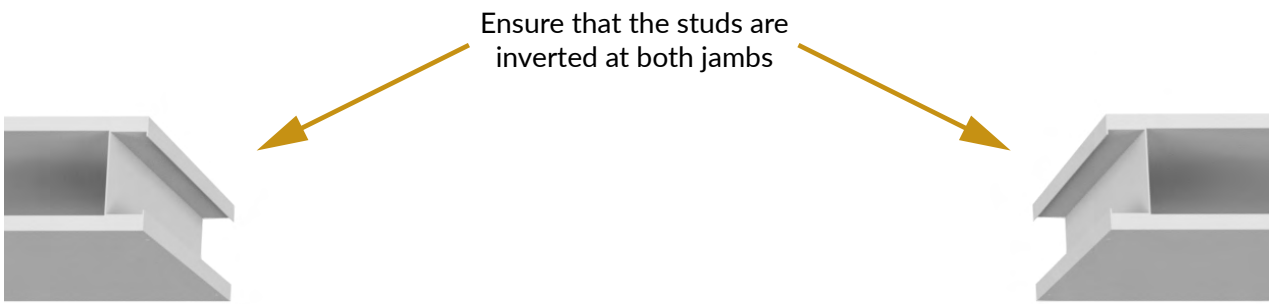


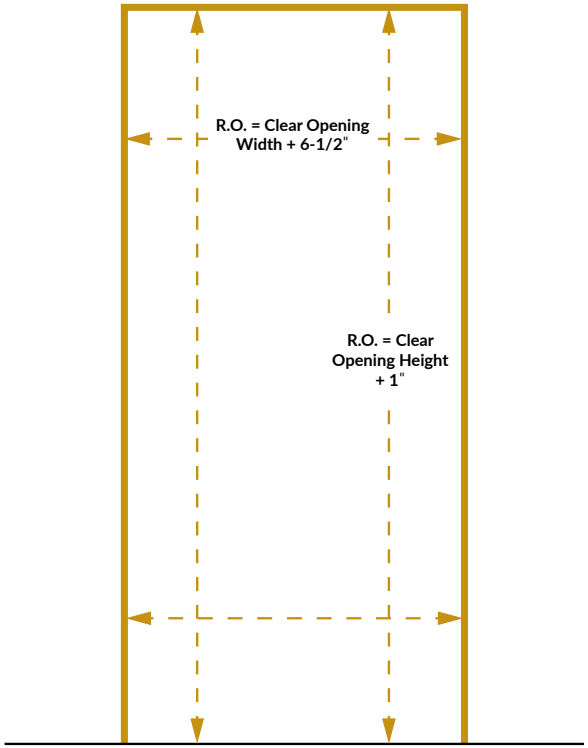
SpecSlide Drywall Anchor
SL-SCP-ST144X212
¼”-20 x 2.5” TOGGLE BOLT DRYWALL ANCHOR
QTY = 3/Bag

STEP 1

Measure the opening to verify that the Rough Opening Height and Width measurements match those on the project drawings.

If installing with no cased opening frame, please skip to step #7. If you ordered a scribe on the jambs, trim them to size.





Note: Adaptive Size R.O. Width = Clear Open Width + 6"

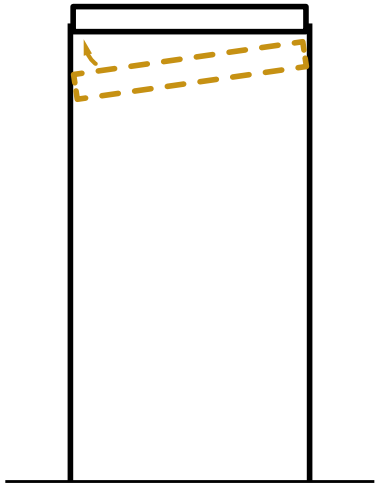
Flooring note:

Installing frames after flooring is finished is preferred.

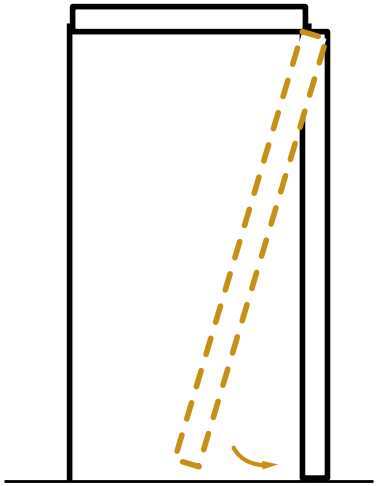
In cases where frames need to be installed before finished flooring (i.e. Vinyl Flooring coved up wall), frames will need to be shimmed to account for the finished flooring thickness.

STEP 2

Apply the cased opening frame header and jambs to the opening.



A. Slip the frame header over the top of the opening.



B. Insert each vertical jamb at an angle and push under the header, then slip over the wall.



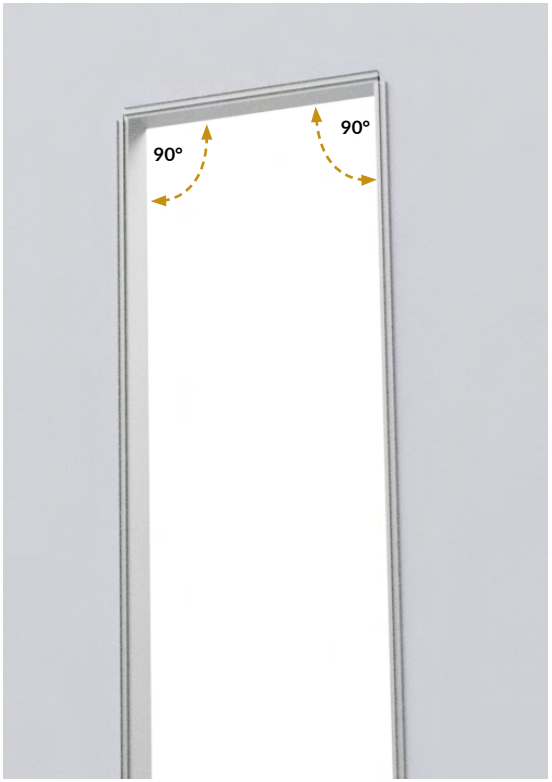
C. When vertical jambs are set and square, the header should overlap the jambs by 5/8".

STEP 3

Measure the cased opening and check that dimensions match the project drawings. Check that header is level and vertical jambs are square and plumb.



Maintain Consistent Width Measurements



A. Use a 4’ level as a straight edge to ensure jambs are in line with one another.

B. Ensure that an equal amount of wall is wrapped on both sides of the opening while matching project drawing dimensions.

STEP 4

Attach Corner Clips to help ensure the frame is aligned properly and square.







A. Insert 4 total Corner Clips (PT-22-1003).

B. Again, check that the header is still level, the opening is square, and the measurements match the project drawings.

C. Corner Clips should be installed tight to the header to provide the proper clear opening.

D. Fasten Corner Clips using two fasteners per clip from Bag (A) Omega Corner Clip Anchors #8 x 1/2" Self-Drilling Anchor Screws (SL-PP0818012).

STEP 5

Ensuring they remain in position, anchor the header and jambs to the wall.



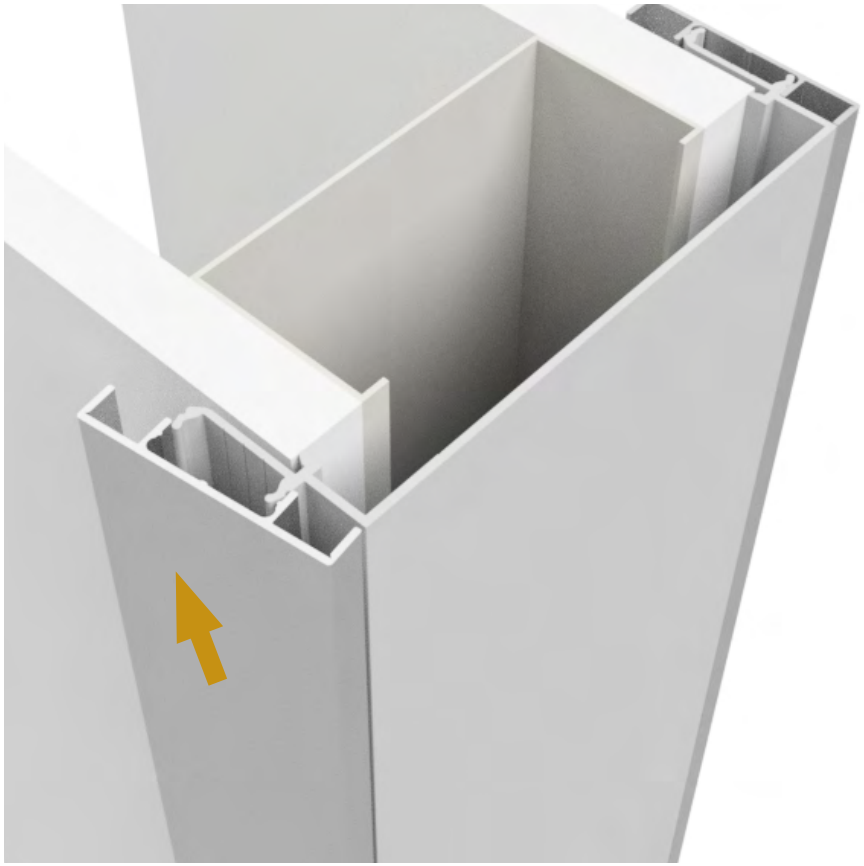
A. Level and secure the header using two fasteners on each side: Bag (B) Metal Stud (SL-SCP-SDLH200), Bag (D) Wood Stud (SL-SCP-FTLH200), or Bag (I) Concrete (SL-SCP-THW14214).



B. Anchor Jambs using fasteners: Bag (B) Metal Stud (SL-SCP-SDLH200), Bag (D) Wood Stud (SL-SCP-FTLH200), or Bag (I) Concrete (SL-SCP-THW14214). Place fasteners 3" from each end and no more than 16" apart (both sides should roughly align).

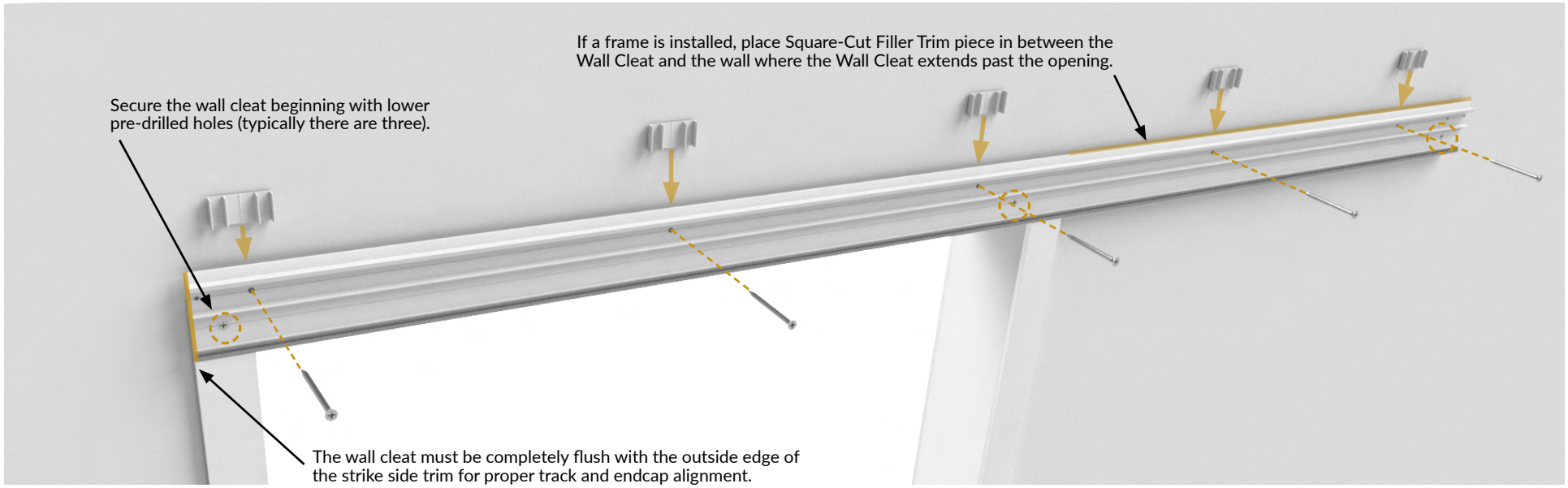
STEP 6 Install the Trim (103-2).

You may prefer to snap the Trim straight on as an alternate method, be careful to align the trim properly before tapping.



A. Snap on the trim by hooking the outside leg on first, then tap lightly with a mallet (optionally add wood block) toward the inside to snap on. One square-cut piece of trim should remain (to be used in the next step).

STEP 7 Install the Wall Cleat (SS-002).



A. Verify that the mohair has been pulled into the slot.

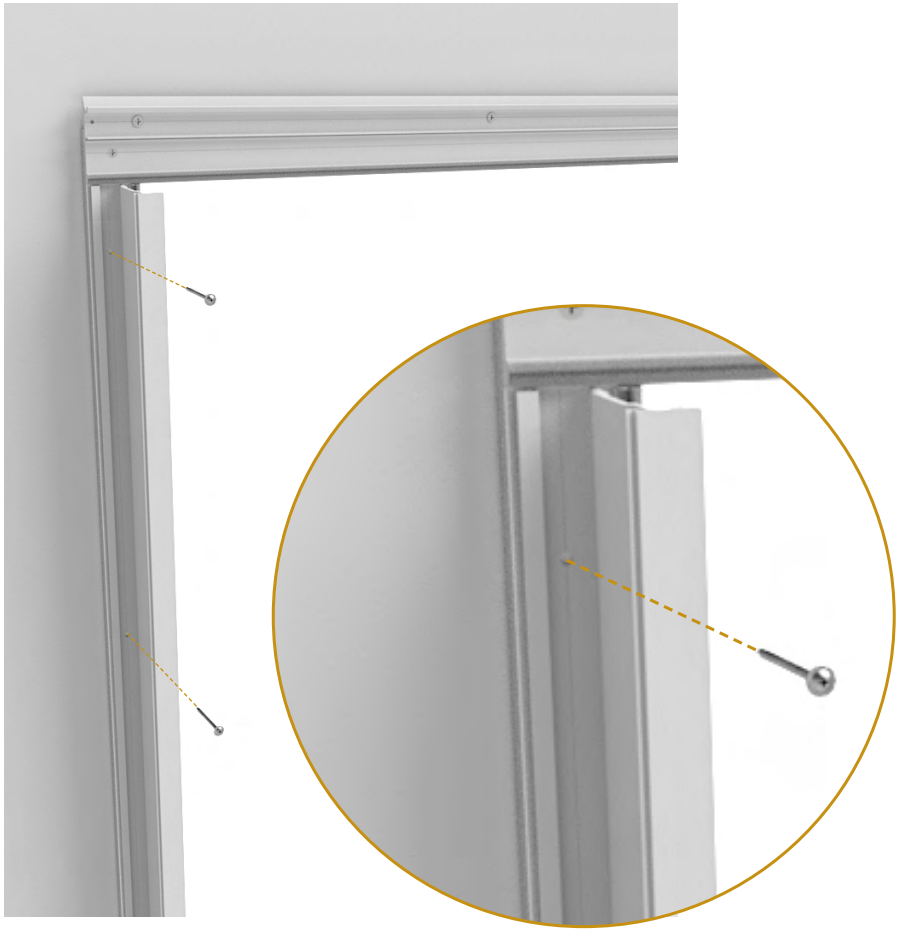
B. If there is wood blocking along the length of the track according to the blocking requirements, use the pre-drilled anchor locations in the wall cleat. If there is no blocking, mark the location of studs and drill new anchor holes in wall cleat if they don't line up to pre-drilled locations. For specific retrofit cases, you may prep for and use Bag (J) Drywall Anchors (SL-SCP- ST144X212); which are only supplied with the system if noted at the time of order.

C. Make sure the header is level and align the wall cleat so that it is flush with the underside of the header and flush with the outside edge of the strike side trim. Use clamps around the door frame to hold it in place.

D. Slip the square-cut filler trim piece behind the section of wall cleat that extends past the opening. Then slip the Wall Cleat Shims behind the top section of the wall cleat for reinforcement. Position shims horizontally near screw holes in wall cleat. If applying directly to the wall with no frame, skip to E.

E. Starting with the lower holes at the strike side, secure the wall cleat using supplied fasteners: Bag (C) Metal Stud (SL-SCP-PF1214300), Bag (E) Wood Stud (SL-SCP-FHW12300), or Bag (I) Concrete (SL-SCP-TPFH14314). Work towards the end of the track, making sure to check that the wall cleat stays level.

STEP 8 Install the Receiver Channel (SS-003).



A. Verify if mohair has been pulled into the slot, and insert if it has not been.

B. Verify the strike side of cased open is plumb on both sides before continuing.

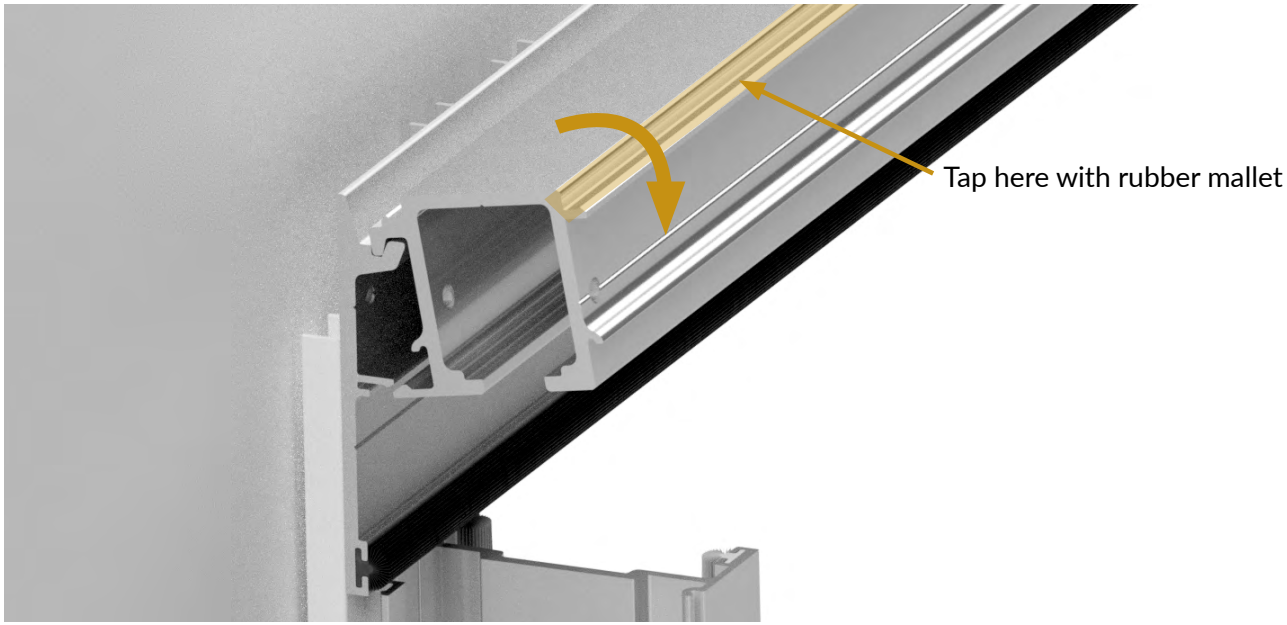
C. Clamp or hold the the receiver channel to the cased open trim so that is flush with the inside of opening and pressed tight against the underside of the wall cleat (equal to the bottom of frame header).

D. Using the predrilled anchor holes as guides, use a #16 drill bit to drill through the cased opening and trim and stop at the stud.

E. Start at the top and secure the receiver channel using the supplied SL-SCP-SDLH200 (Metal Stud) or SL-SCP-FTLH200 (Wood Stud) fasteners and check it stays plum and square on both sides.

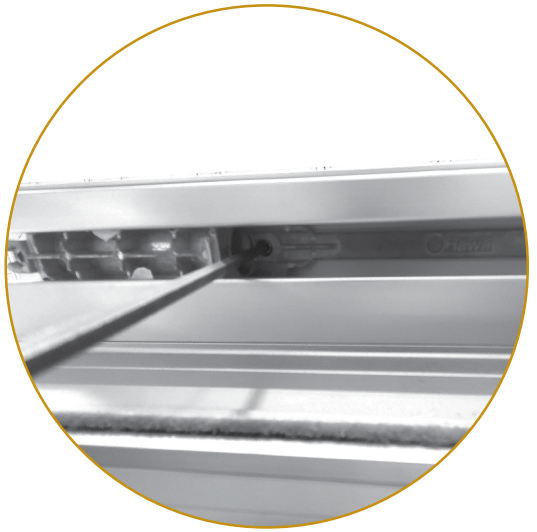
F. If installing locking hardware with strike, set the Receiver Channel Snap Cover (SS-004) aside until the strike is installed. If no locking hardeare is required, you may snap on the Receiver Channel Snap Cover (SS-004). Refer to Step 17 for diagram.

STEP 9 Install the Sliding Door Track (SS-001).

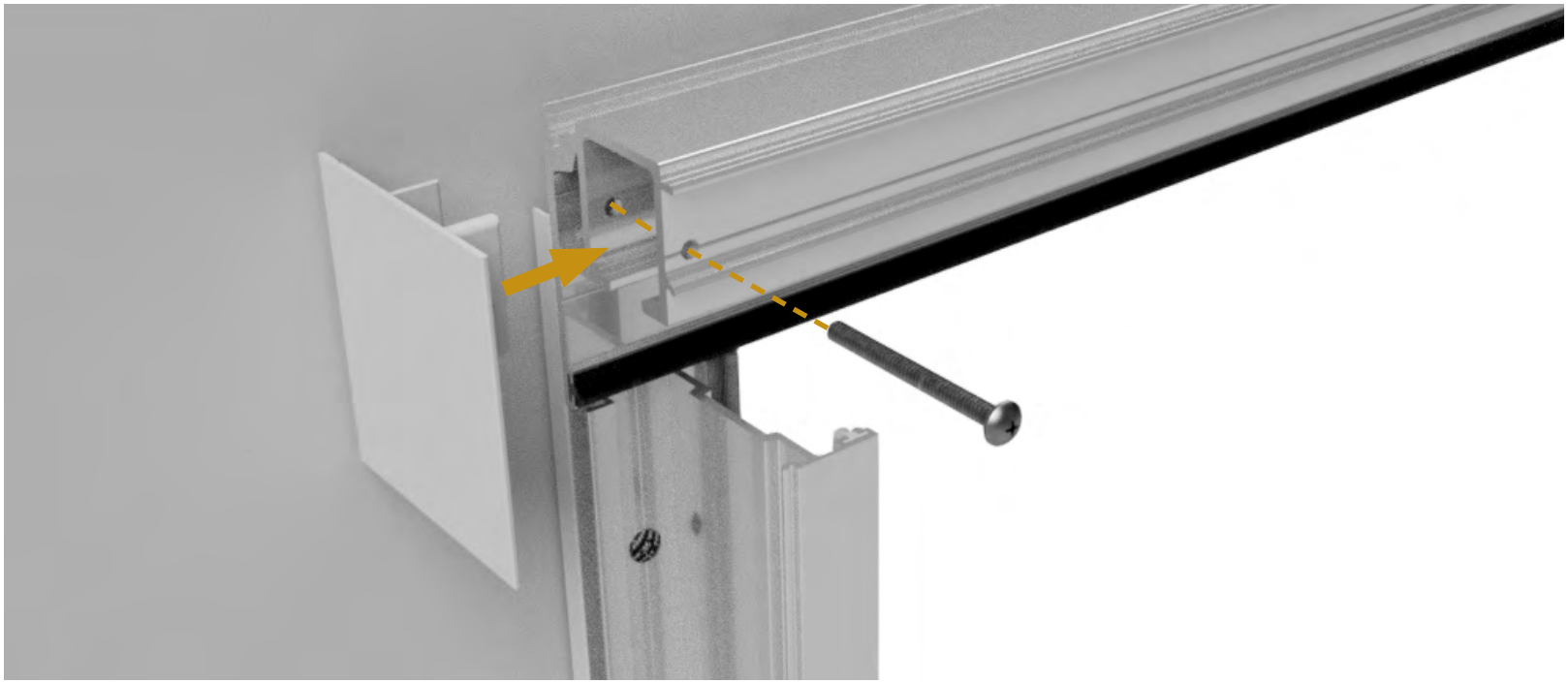


A. Hook the top of the Track onto wall cleat and snap in the bottom using forward pressure, using a rubber mallet to tap it into place.

Note: The sliding hardware is preloaded in the track and set accordingly for door to close 5/8" into receiver channel and open fully with a 5" overhang. Field adjustments may be required depending on lock conditions, pulls applied, and floor conditions for lift and drop seals. Use the set screws located under the plastic Hawa caps in the end stops to loosen and adjust accordingly once the door is hanging.



STEP 10 Install the End Caps.

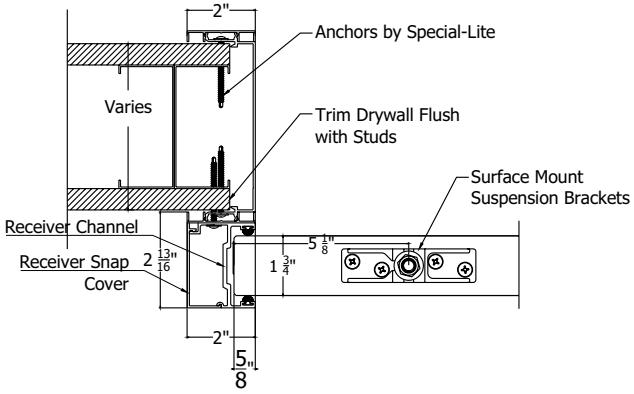


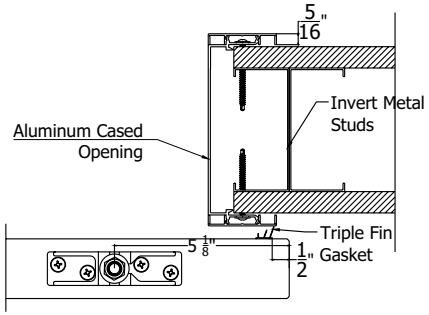
A. Use the supplied #10-24 x 2" machine screw to secure the end caps. DO NOT over tighten, screw is used as a pin and doesn't require compression to lock end caps and track from moving. Over tightening will bend track and prevent sliding hardware from moving freely and make end stop adjustments difficult.

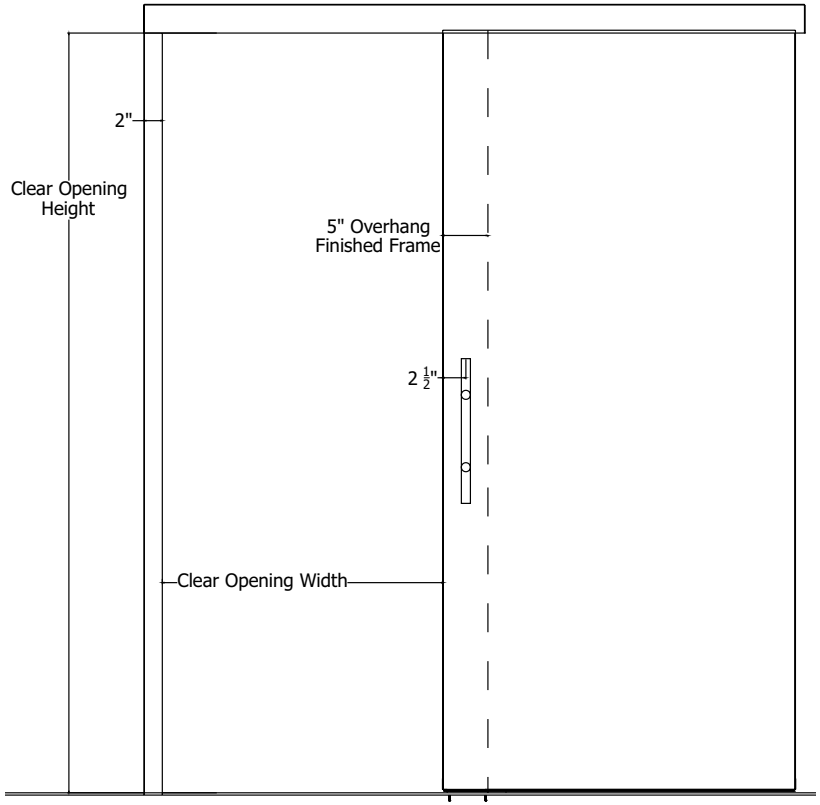
Note: The track must be flush with the wall cleat on both ends in order for the end cap bolt to line up with tapped hole.

STEP 11 Install hardware on the door.

Steps A and B can also be done after door is hung, if preferred.







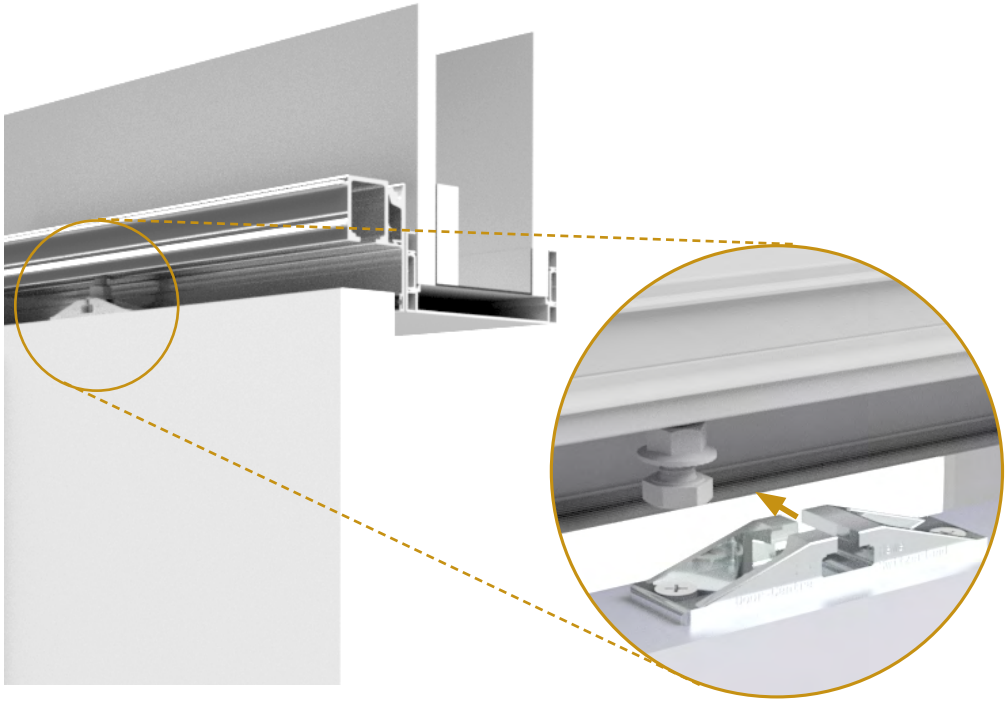
A. Prep for and install any surface pulls. Recommended 2-1/2" backset to center the pull on the 5" overhang when the door is fully open.

B. Verify that the pull will not interfere with opening/closing of door for specified clear opening.

C. Install any Locking Hardware.

D. Use the pre-drilled mounting holes to fasten the Suspension Brackets, as shown, if not factory installed.

STEP 12 Hang the door.





A. Ensure that Hanger Bolts to hang the door are threaded into the rollers in the track.

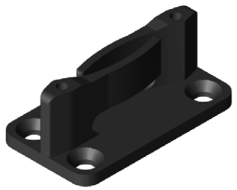
B. Hang the door by sliding the Suspension Brackets on the top of the door onto the Hanger Bolts connected to the rollers in the track.

C. Align and position the door by making adjustments at each Hanger Bolt as needed with the Vertical Adjustment Pin (10795). Adjust the height accordingly and measure the latch location to install the strike. If the strike is prepped at the factory, ensure that the hardware is lining up and that the door is positioned between the seals in the track. The recommended clearance underneath the door is 3/8".

D. Verify that the door functions correctly and that the lift seal engages if present.

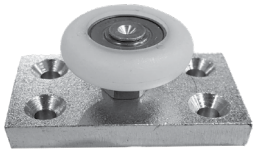
STEP 13 Install the Floor Guide.

For Drop Seal configurations, please skip to Step 14.

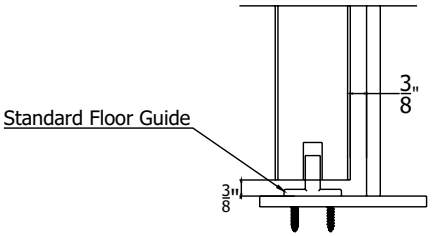


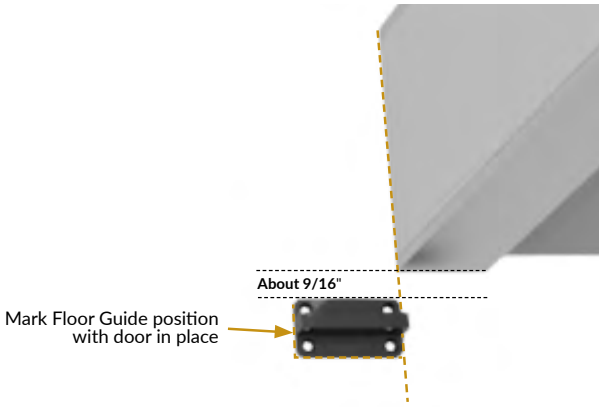
Standard Rattle-Resistant Floor Guide

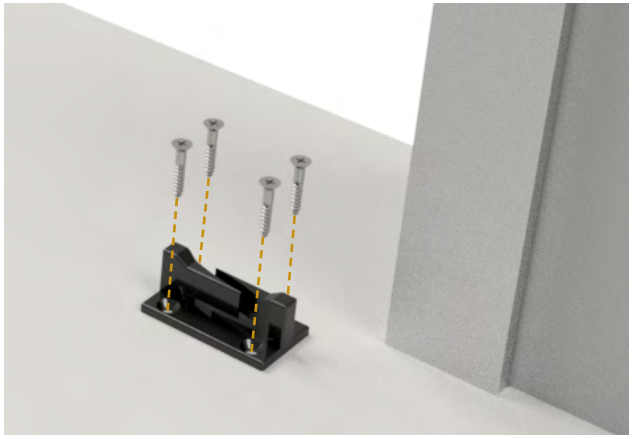
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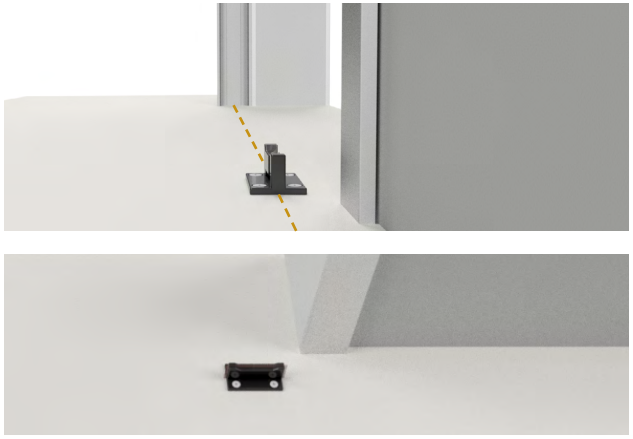


Floor Guide for SLI Aluminum Stile & Rail Doors









A. Slide the Floor Guide into the door bottom channel and use the door hanging straight down to position the Floor Guide until you achieve the correct position.

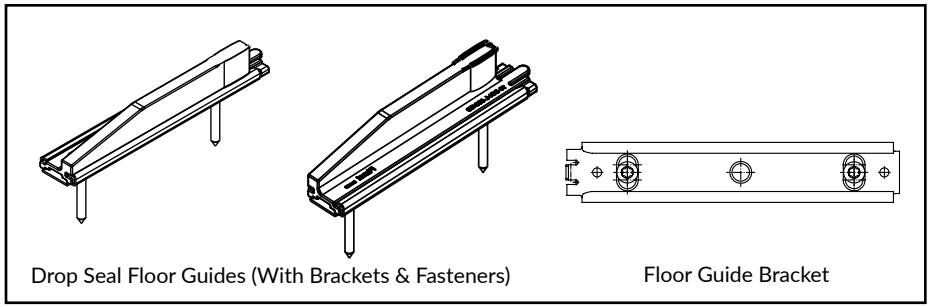
B. Mark the position of the floor guide and then remove the door from the Hanger Bolts, setting it aside.

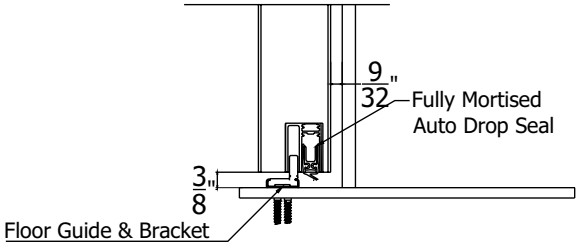
C. Use the supplied Bag (G) Standard Floor Guide Anchor Kit (SL-SC-109) or SLI Roller Guide Anchor Kit (SL-SC-108) to secure the Floor Guide.

D. Rehang the door.

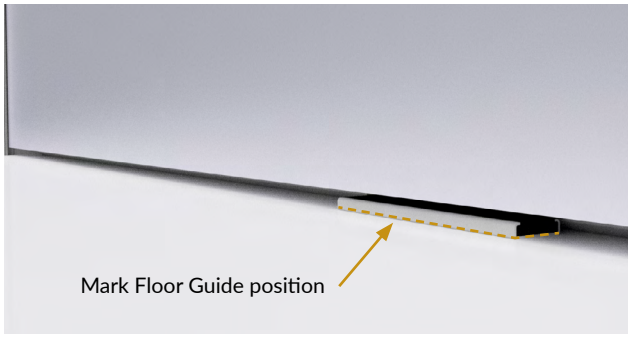
STEP 14 Install Floor Guide for doors with a Drop Seal.

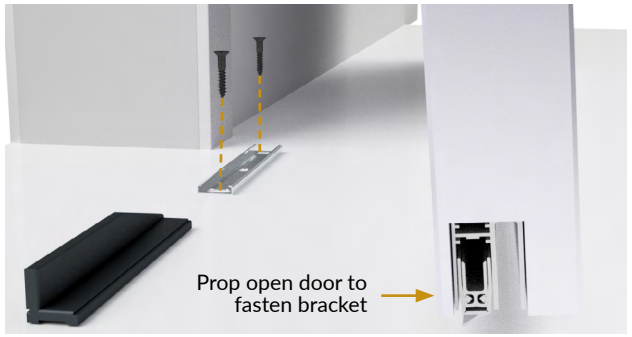
For standard door bottom configurations, please skip to Step 15. You should have installed your floor guide in Step 13.











A. Slide the Drop Seal Floor Guide and Bracket assembly into the door bottom channel and use the door hanging straight down to position the Drop Seal Floor Guide and check the function of the drop seal until you achieve the correct position and the Drop Seal is triggered.

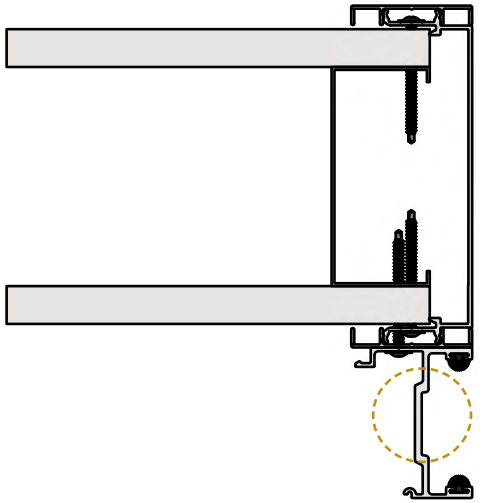
B. Mark the position of the floor guide and move the door out of the way, you may prop it open with a mallet or piece of wood.

C. Install the Floor Guide Bracket using the included fasteners, and then slide the Drop Seal Floor Guide into the door bottom channel again, sliding it into place in the bracket until you hear it click. Test the door to ensure the Drop Seal functions correctly and adjust as needed.

STEP 15

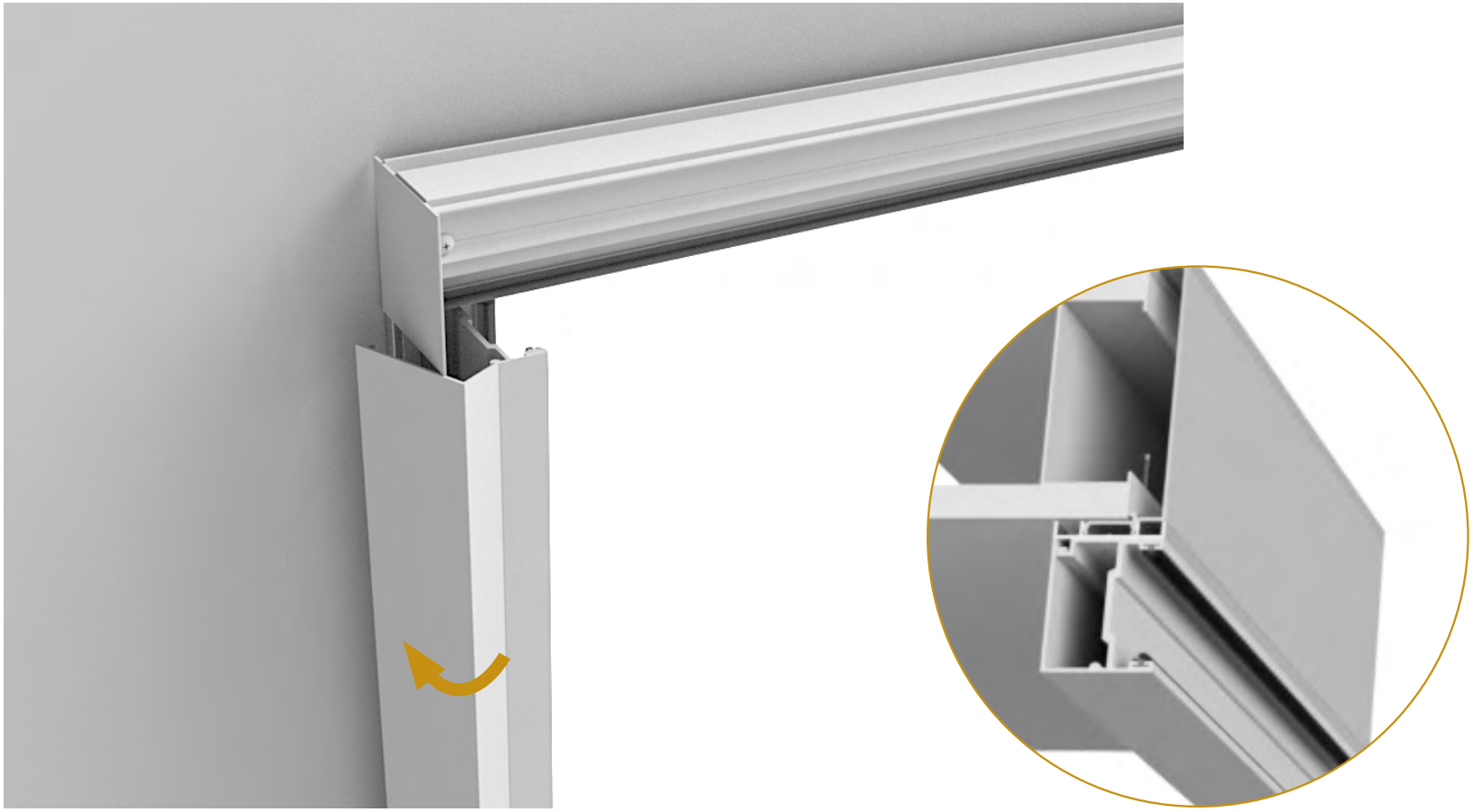
Install Strike and run any wiring.





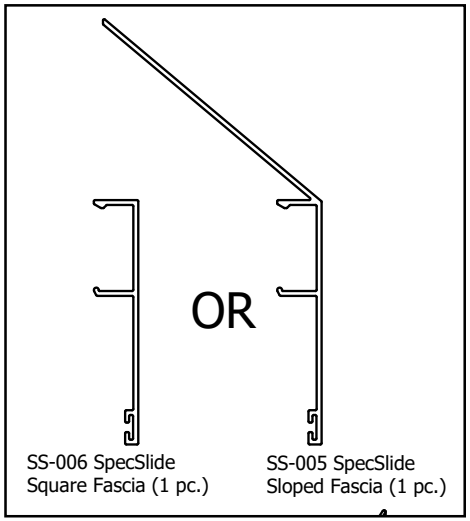
A. If applicable, install locking hardware strike in receiver channel. The strike pocket comes prepped from factory, but screw holes will need to be drilled during installation. Verify the height and location of the door prep. Adjust the door height if needed. Install according to the lock manufacturer's instructions.

STEP 16 Install the Receiver Channel Cover (SS-004).



A. Align the short end of the receiver cover with the front face of the Receiver Channel, using the rubber mallet and wood block to snap the cover on.

STEP 17 Install Fascia: Square (SS-006) or Sloped (SS-005).





A. Verify if the mohair is in the slot, and insert it if it is not.

B. Slide door into the closed position.

C. Start at the end of the track and hook the bottom flange of fascia to the track and roll upwards to snap into place.

D. Once started, slide the door open and continue snapping the fascia in place until complete.

Troubleshooting Guide

While our sliding door solutions are crafted with precision and built to withstand the demands of various environments, we understand that field conditions can introduce complexity. This guide is designed to address issues that may arise during installation, particularly those related to floor and wall conditions. Whether it's achieving optimal alignment, addressing clearance concerns, or troubleshooting soft-close mechanisms, this guide is a resource for resolving field issues you may encounter and maximizing the performance of your sliding door systems. Questions? Please call 1-800-821-6531 and ask for a Special-Lite Customer Service Representative.

Issue Description	Possible Cause	Troubleshooting Steps
The soft close is not pulling the door all the way into receiver channel.	The soft close actuator in the track is positioned too far from the end of the track.	Loosen the set screws in the track and adjust until the door pulls in to desired location.
	The track is not level and gravity is adding additional force required for soft close.	Check that track is level and adjust as needed.
	The receiver channel is not in line with door and there is too much friction on the mohair.	Check that the receiver channel is plumb with the door and sliding track. If not, shim where needed.
The door is catching on the receiver channel.	The receiver channel is not plumb with the door when hanging at rest.	Additional shimming required behind wall cleat or receiver channel.
	The floor guide is offset too far in or out from the channel in the door.	Verify the door is plumb before installing locking screws in floor guide. Two of the anchor points are slotted for misalignment issues. If not enough adjustment in floor guide, remove and reposition.
	The hanger bracket bolts are not centered on the brackets.	When hanging the door, the bolt has slight adjustability in and out of door opening. Loosen the locking nuts and shift door in/out before locking down the hanger bolts.
	Suspension brackets are not centered on the top of the door (incorrect prep or installation).	Remove the brackets and install them centered on the top of door.
The door is rubbing on the wall.	Uneven wall conditions.	Verify both sides of opening are plumb to each other. If not, shim accordingly.
	The floor guide is not positioned correctly; it's installed off center towards the wall.	Verify that the door is plumb before installing locking screws in floor guide. Two of the anchor points are slotted for misalignment issues. If not enough adjustment in floor guide, remove and reposition.
	Cased opening frame is not shimmed properly	Remove the entire sliding track framework and shim.
The strike is not lining up between the receiver channel and the door.	The door is installed with incorrect clearances at the top and bottom of door.	Adjust the hanger bolts up/down using the supplied wrench or pin depending on the bracket model.
	Misaligned prep locations between the door and the receiver channel.	Adjust hanger bolts up/down. If adjustable strike, adjust strike up/down. If not adjustable enough, a new receiver channel will be required.
	The receiver channel is not butted up to the underside of sliding track fascia/wall cleat.	Remove anchors. Drill new clearance holes in receiver channel and reinstall making sure to clamp securely to wall before placing anchors.
	The underside of the wall cleat is not flush with the underside of the header or finished opening.	Remove the wall cleat. Drill new clearance holes for anchors and reinstall.

Troubleshooting Guide *(Continued)*

Issue Description	Possible Cause	Troubleshooting Steps
The sliding track is shifting on wall cleat.	The end caps machine screw was not installed to lock the end caps and sliding track to wall cleat.	Remove the fascia cover and install locking screw through the track, through the end cap, and into the wall cleat. Replace the fascia cover.
The door is not sliding freely in track.	There may be debris shavings in track.	Remove door and all hardware in the track. Clean it out and reinstall.
	The floor guide is not positioned correctly.	Check that the door is plumb before adjusting the floor guide. There is some adjustability using the slotted anchor holes. Verify that the issue is fixed before installing locking anchors in floor guide.
	Check if the floor is level.	Adjust door to clear the tallest point on the sliding path of the floor.
	Uneven wall condition, or "curved wall" can cause the door to not slide freely and potentially stop in the middle of the sliding action.	Shim the track system.
The pull handles hit the wall when opening all the way.	The end stops are not positioned correctly/not secured properly.	The door should overhang in the opening 5". Loosen the set screws in the end stop and move the stop in the track accordingly.
	The pull is too big or prepped in wrong location.	If the pull extends more than 5" from strike side of door, the end stops may be moved to prevent door replacement, but the clear opening will be affected.
The drop seal is engaging too soon and dragging on the floor.	The floor guide is backwards.	The floor guide ramp should slope downwards away from strike jamb when standing on outside of door opening. If not, remove the anchors and reinstall correctly.
	The floor guide was not installed the correct distance from the trailing edge wall/jamb.	Reference the installation instructions to verify the floor guide is positioned correctly. If it is, then other issues may include too little clearance.
	There is not enough clearance at bottom of door.	Remove the fascia cover and adjust the hanger bolts up into the rollers using the supplied wrench a 1/4 turn at a time while checking the drop seal engages correctly.
The drop seal is not engaging.	There is too much clearance at the bottom of the door.	Verify clearance at top and adjust down if bolts allow and lift seal still engages. Remove the fascia cover and use the supplied wrench on the bolt that sits flush with top of door.
The lift seal is engaging too soon and dragging on the underside of track.	The lift seal lever actuator in track is not positioned correctly.	Loosen the set screws in the track and adjust until the lift seal actuates at desired closing location.
	The clearance at the top of the door to the underside of the track is too small.	Remove the fascia and loosen the hanger bolts in the concealed suspension plate using the supplied wrench.
	The lift seal lever actuator is not adjusted properly.	Remove the door from the track. Remove the end caps and lever actuator at the top of door. Adjust the Allen screw in the lift seal located at the end closest to strike side of door and tighten the screw.
The lift seal is not touching the underside of the track when actuated.	There is too much clearance between the top of the door and the underside of the track.	Remove the fascia and tighten the hanger bolts in the concealed suspension plate using the supplied wrench until the seal is touching the underside of track when actuated.

Troubleshooting Guide *(Continued)*

Issue Description	Possible Cause	Troubleshooting Steps
Not enough clearance at the bottom of the door for the floor guide.	Oversized door.	It is possible to trim a wood door, but not recommended. Verify the clear opening height after track is installed. If there is locking hardware, receiver channel will also need to be trimmed the same amount and shimmed up, so the lock & strike line up correctly
	Floor condition changed.	Trim the hanger bolts or wood door to compensate for the adjustment needed for the floor condition. If there is locking hardware, the receiver channel will also need to be trimmed the same amount and shimmed up, so the lock and strike line up correctly.
	Too much clearance at the top of the door.	Remove the fascia and adjust the hanger bolts up using the supplied wrench or pin depending on the hanger brackets.
	Uneven floor.	Trim the hanger bolts or wood door to compensate for the adjustment needed for the floor condition. If there is locking hardware, the receiver channel will also need to be trimmed the same amount and shimmed up, so the lock and strike line up correctly.
	Track is not installed level.	Remove the wall cleat. Drill new clearance anchor holes and reinstall.
Excess force is required to get the door off of the end stops in lift seal package.	The end stops are adjusted too tight.	Tighten one of the set screws at the underside of the stop under the plastic cover until you are satisfied with force required and it still holds the door.
The end stops in the lift seal package door do not hold the door in open/closed position and it bounces off.	The end stops are not adjusted tight enough.	Loosen one of the set screws at the underside of the stop until the stop holds the door.
The rollers interfere with the end stops in the lift seal package door and prevent the door from being held open or closed.	The end stops are adjusted too tight and rollers cannot roll under the catch.	Tighten one of the set screws at the underside of stop under the plastic cover until the rollers will pass under the catch and hold the door properly without requiring too much force.

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