Xtend Porch Windows Installation Instructions

Thank you for choosing Porch Windows Direct Xtend Porch Window Units

With these simple instructions you will be enjoying your beautiful new 3 season porch in no time

Single Unit Installation

Tools Needed: Screw gun, T-20 Torx bit, 1/4" nut driver (for mulled units), Shims, Small pry bar, Caulk gun

Step 1 :

Verify order confirmation with shipment contents.

Your shipment should contain all window units, doors, screws and caulking to complete the install.

If anything is missing, please reach out to us right away and we will rectify the issue in a timely manner.

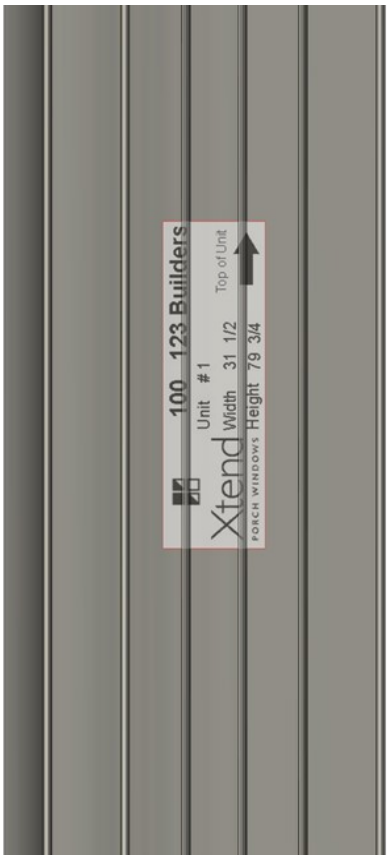
Step 2:

Remove strapping and protective carboard sleeves around unit, be careful to not cut into the screen when cutting the strapping.

Check the units for damage during shipping.

Dents in the aluminum and rips in the screen are potential issues that may occur during transit. Once again, if there is any damage to any of the units let us know.

All units will have a sticker on both sides of the unit (and on the carboard sleeves) stating the opening number and frame size dimensions, along with an arrow pointing towards the top of the unit. All of the window sash are stacked to the bottom of the unit for shipping to help prevent damage in transit.



Step 3:

Once you have determined which window unit goes in each opening, it is time to start installing.

Using the provided silicone caulking, apply a good 1/4” bead around the backside of the window flange.

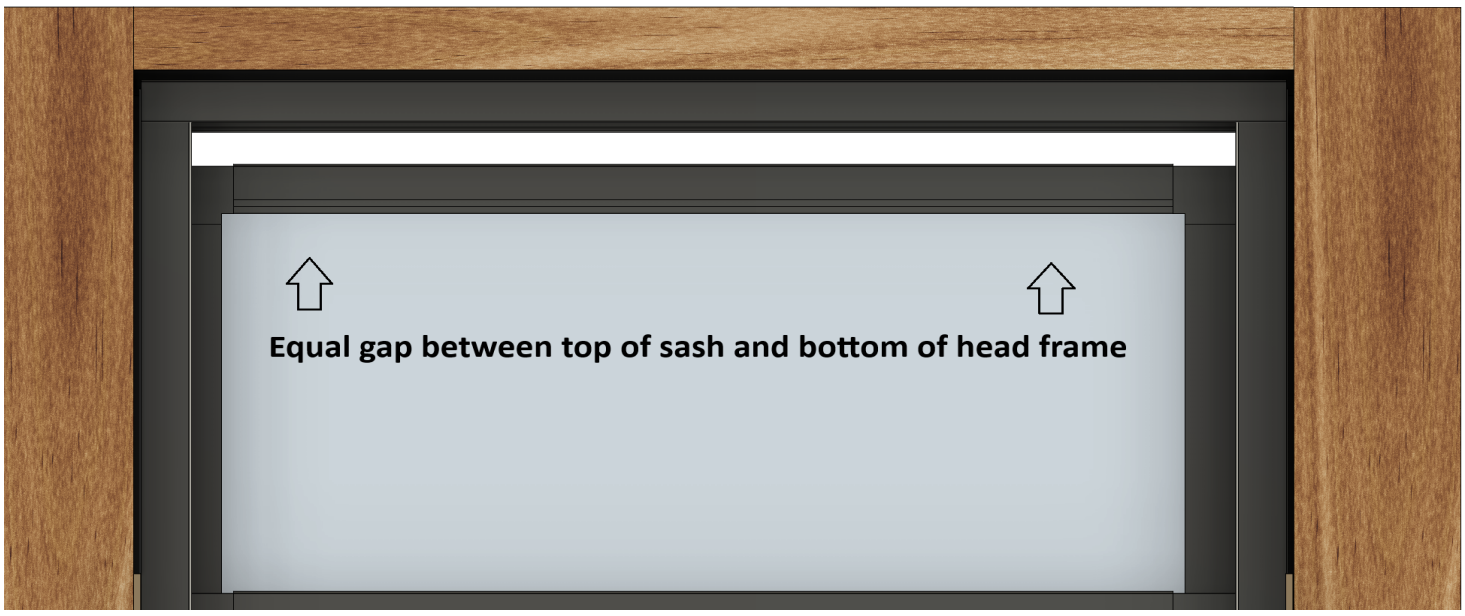
We usually recommend sealing the two sides and the top, leaving the bottom open for any water that may accumulate inside the porch to escape. This may occur if sash vents are left open during weather.

If you are looking for a more bug and moisture proof seal, fee free to silicone along the bottom flange also.

Place the caulked unit into the opening.

Center the unit in the opening, use shims if needed.

A good way to determine the opening is level and plumb, is to push the top sash up towards the top frame leaving a 1/2” gap or so and verifying the gap is equal across the whole opening. If there is a discrepancy, shim accordingly as close as possible.



Step 4:

With the unit centered in the opening, use the included color matched flathead installation screws and secure all 4 corners of the window.

All of the installation holes are predrilled in the proper location.

Step 5:

With the unit now tacked in place we can check the operation of the sash.

Move the sash up and down in the track. There needs to be enough tension to hold the sash in place when you let go. To achieve this, add shims between the window frame and the post on each side where the window sash overlap. When sized properly, and the opening is square and plumb, there should be an equal, but minimal gap from top to bottom between the unit and framing. The middle of the frame should not bow out giving a hourglass look.

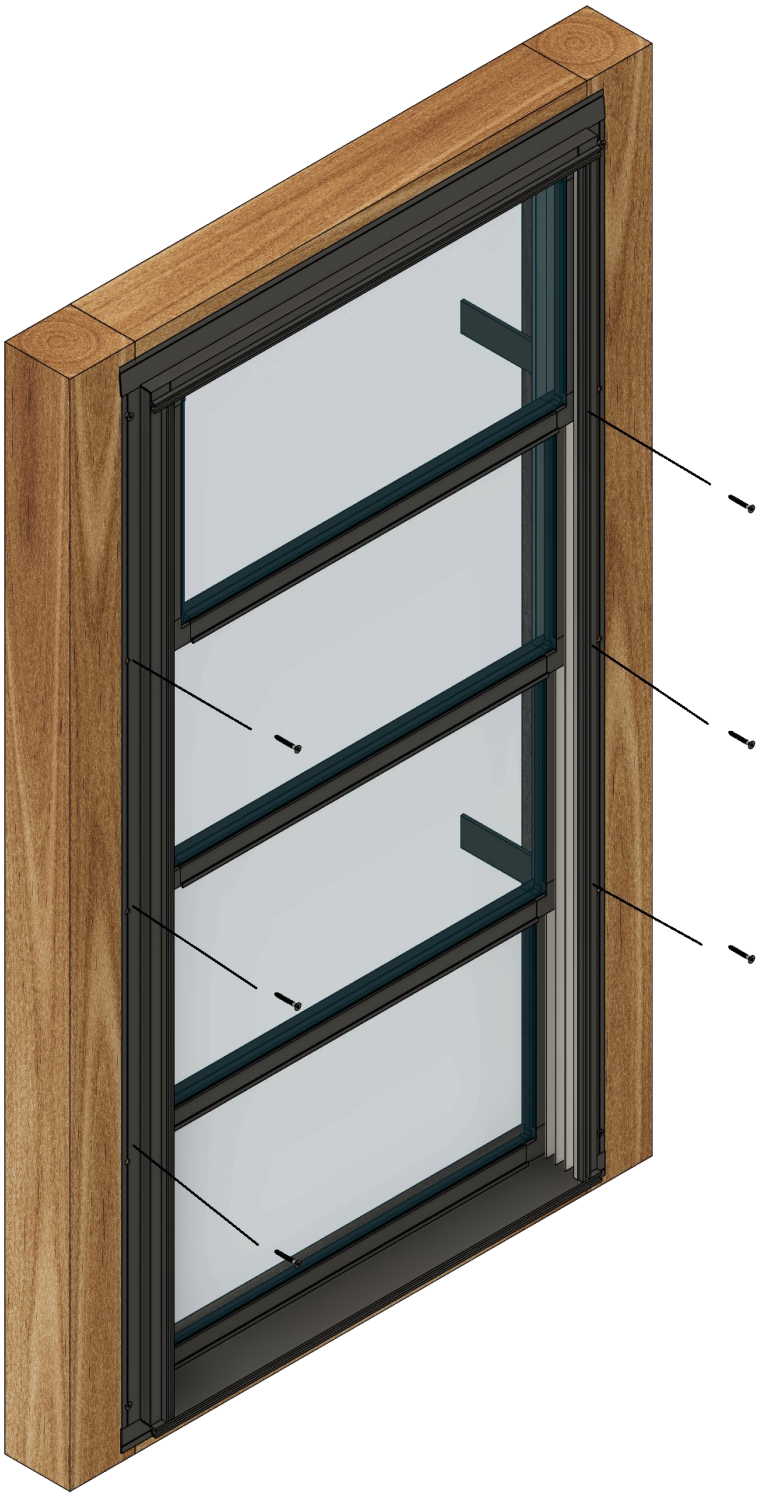
Now we need to double check that the sash can be removed for cleaning. To do this grab the top and bottom rails of the lower sash, push to the left to compress the springs, then pull towards you releasing the sash out of the right side track. If there is just enough clearance to remove the sash without forcing it, everything is good to move on to the next step.

If you can not remove the sash, back out your shims slightly until the sash just clears the right side track.

Step 6:

With the sash tension checked, and we verified the removal of sash for cleaning, Add remaining screws filling all pre-drilled holes. Be aware that you may have some silicone squeeze out from behind the flange depending on how big of a bead you ran with the caulking gun

Pro tip: To clean this off, let silicone dry then peal the excess off, this can prevent smearing by wiping it off while it's wet.



You can now pull out the shims on the inside. Double check the tension of the sash up and down and make sure they do not fall on their own. And again verify there is clearance to remove the sash for cleaning.

If the sash are loose in the tracks and/or they can not be removed for cleaning, you may need to pull out the screws on the outside and repeat Step # 5

Porch Windows DIRECT

Xtend Porch Windows Mulled Unit Installation Instructions

We have the capability of easily shipping single units that can be connected together to fill openings that are wider than our max 48” wide single units. With a few extra installation steps we will help you save time and the hassle of framing a wide opening down with extra posts

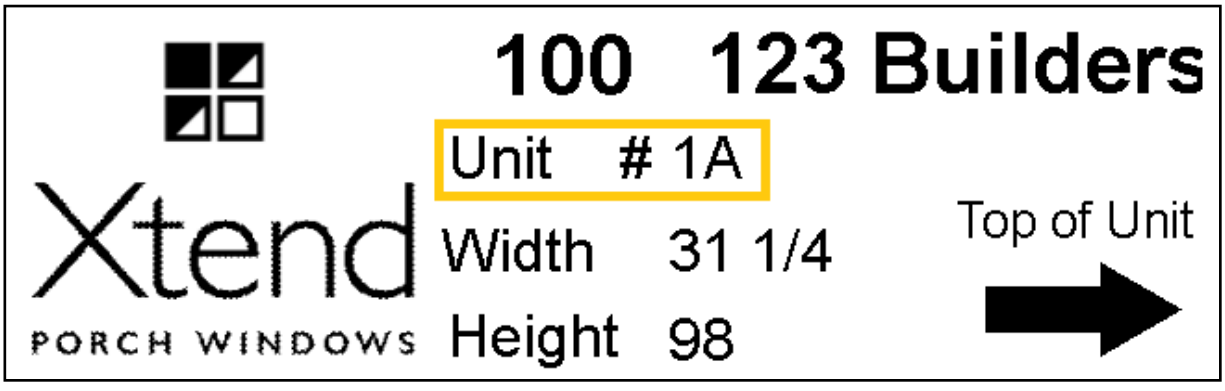
Tools Needed: Screw gun, T-20 Torx bit, 1/4” nut driver, Shims, Small pry bar, Caulk gun, Quick clamps

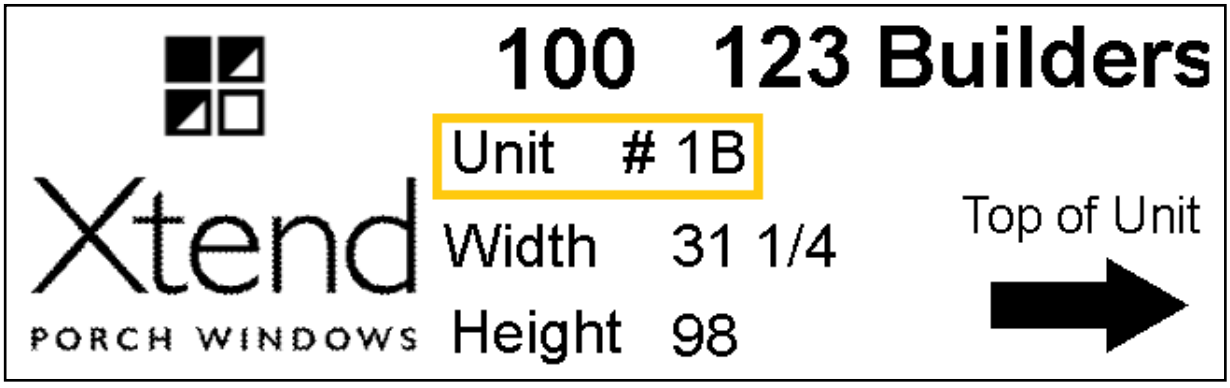
Steps 1 & 2:

Follow same steps from the single unit instructions.

Verify shipment, check for damage, and check unit labels for unit numbers.

This is where the mulled units will differ from singles. The unit numbers will have a letter attached to them. Viewing from the exterior of the unit (screen towards you) Working right to left, The “ A “ unit is the furthest right. This is your starting unit, then “ B “ to the left of it and so on depending how wide the final unit is.





Step 3:

Starting with Unit “A” for your mulled unit opening, Similar to the single unit install, apply a bead of silicone on the back side of the window flange. Exception for mull unit “A” is there is no flange on the left side of unit. This is the Mull frame that will accept the flange of unit “B”. So we only need to apply silicone to the top and the right side flange (as viewed from exterior)

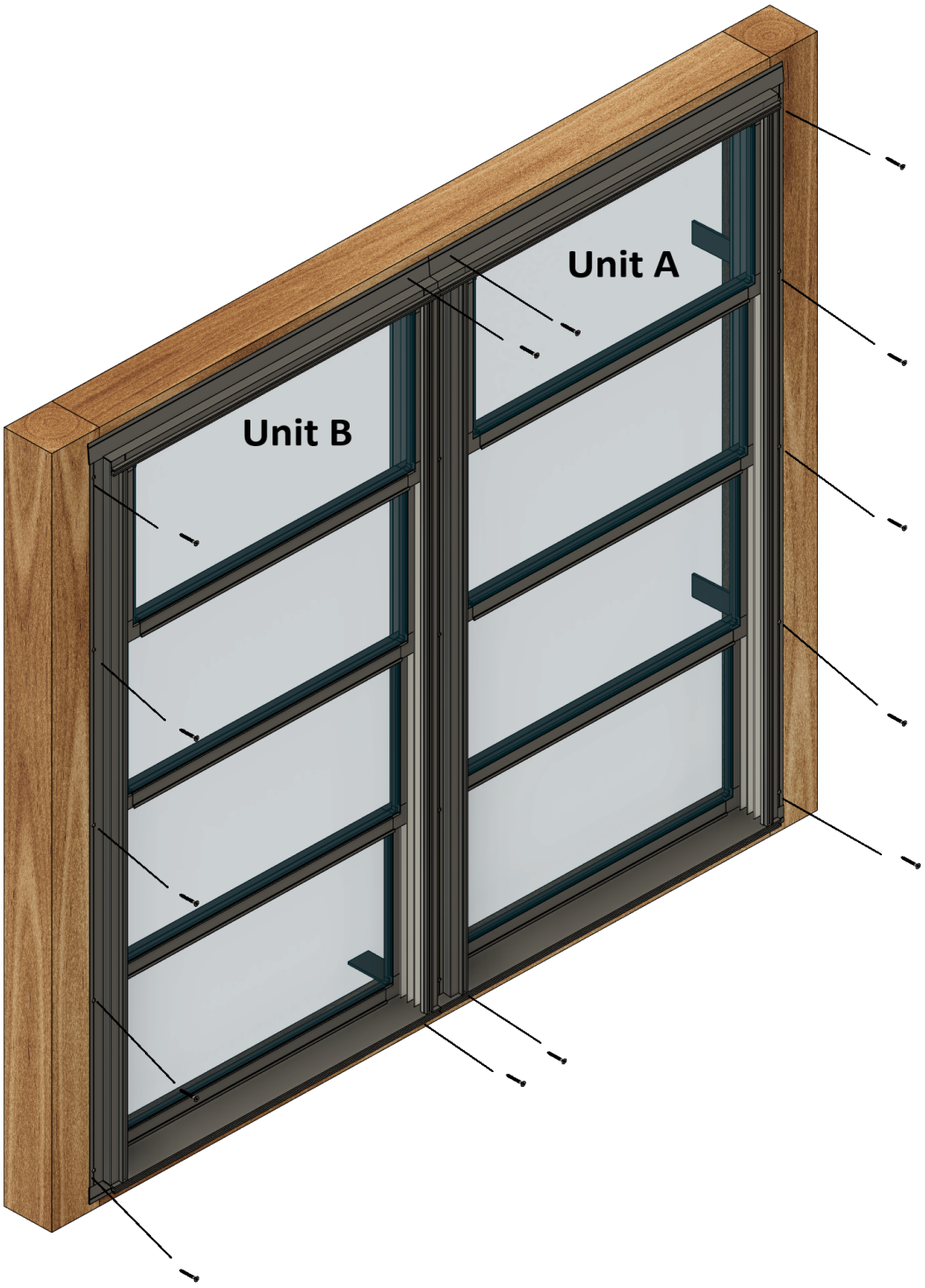
Place unit into the right side of the opening and tack it in place with a screw in the top right corner. Make sure it is secure enough not to fall out of the opening while you get the “B” unit ready. You may need to add a second screw or have someone hold it in place if it is a windy day.

Step 4:

Now it's time to prep unit "B". Apply a bead of silicone to both sides and the top flange of the unit. Place unit in the opening with the right flange overlapping the mull side, and tucked up underneath the top lip of unit "A" From the inside use some quick clamps to tighten the two units together. Make sure the head and sill of both of the units line up horizontally. Then using the supplied hex head (1/4" drive) self tapping screws, secure the right flange of unit "B" to the mull side of unit "A"

Step 5:

Following Step 5 in the single unit installation, we need to center the now mulled unit in the opening. You might have to remove the top corner screw in order to do so. Also verify square and level by checking the gap of the top sash compared to the frame. To keep the bottom of the unit level, you may need to add a shim at the sill to support the middle mull upright. Next verify sash tension, moving the sash up and down making sure they do not slide on their own. Shim between framing and the unit until sash stay in place. Then double check the sash can still be removed for cleaning. Grab the top and bottom rails of the sash, push to the left to compress the sash spring and verify the right side of the sash will clear the right side track. If sash are hard to remove, back out your shims until sash just clears the right track. We can now move back outside and screw off the whole unit into the opening.

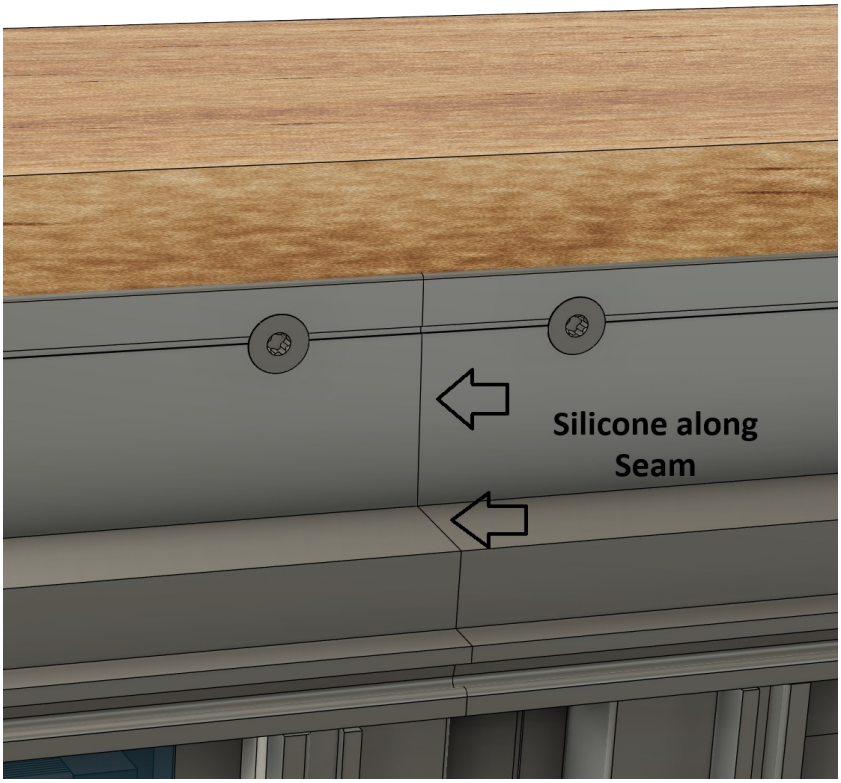


Step 6:

With the unit centered in the opening, shimmed for tension, and sash removal checked we can now screw off the unit. Starting in the four corners, fill all predrilled holes with included color matched flathead screws.

Once all secured you can now pull the shims from the inside. Then again test sash for operation making sure there is good tension and the sash do not fall down or move on their own. Verify the sash can be removed for cleaning. If everything is good, move on to the next unit.

If sash are tight or loose, and/or the sash can not be removed easily, repeat Step 5 and pull screws as needed until sash operate smoothly and can be removed for cleaning.



Step 7:

If you don't plan on trimming over the units installation flange, it is imperative to run a thin bead of silicone over the seam at the top of the frame where the two mull units meet. This will help prevent moisture from seeping inside the window unit.

Additional Resources

Check out our YouTube channel @PorchWindowsDirect for instructional videos and all sorts of different install applications we here at Porch Windows Direct have come across that may help you with your project.

Thank you for choosing Porch Windows Direct. If you still have any issues regarding installation don't hesitate to reach out to our team to help walk you through the process to complete your project.

Porch Windows DIRECT

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Xtend Porch Door Installation Instructions

Thank you for choosing Porch Windows Direct Xtend Porch Door

With the option of glass or 4 track vented unit insert, this custom built door will compliment your Xtend Porch Windows porch beautifully

Tools Needed: Screw gun, T-20 Torx bit, # 2 Phillips bit, 1/8" Drill bit, Shims, Small pry bar, Caulk gun

Step 1 :

Verify order confirmation with shipment contents.

Your shipment should contain all window units, doors, screws and caulking to complete the install.

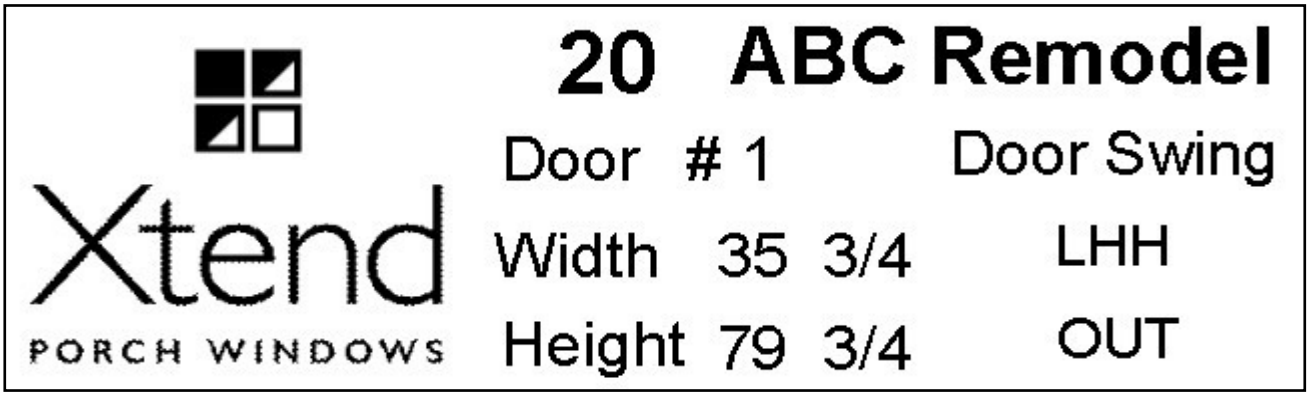
If anything is missing, please reach out to us right away and we will rectify the issue in a timely manner.

Step 2:

Remove strapping and protective carboard sleeves around the door unit, be careful to not cut into the screen when cutting the strapping.

Check the door for damage during shipping. Dents in the aluminum and rips in the screen are potential issues that may occur during transit. Once again, if there is any damage to any of the units let us know.

All door units will have a sticker on both sides of the carboard sleeves stating the door number and frame size dimensions, along with the door hinge location and the swing.



Step 3:

Check the door opening for size, level and plumb. Also make sure there are no obstructions that may block the operation of the door as it swings, such as exterior light fixtures or railings. Any of these things can impede the proper operation of the door.

Install the door handle.

We recommend putting the handle on before fully installing the door. This way the door slab can latch with the frame and not flop around while handling.

Follow the instructions that come with the handle set that is provided.

Make sure to use the drive-in latch sleeve on the plunger, not the plate.

Handles have a lock on them, orient the keyed side to the exterior of the door unit.

Do not over tighten the handle screws. As this may prevent correct handle operation and also possibly distort the aluminum slab.

Step 4:

Apply a bead of silicone to the back of the door installation flange. Also run a bead across the threshold of the rough opening that the door threshold can seal onto.

Place door in the opening.

Shim the door as needed to maintain a consistent equal gap between the door slab and the door frame. Also make sure the handle plunger is as close to centered on the latch hole to ensure proper door operation.

Starting with the top hole on the hinge side, screw off the door with provided screws. Screws should go straight in as much as possible to help prevent bending the frame in or out.

Step 5:

With the door screwed off into the opening, check operation. Open and close the door and make sure the slab is not rubbing on the frame anywhere. If it is you may need to pull some screws and re-shim for clearance.

Also check to make sure handle latches correctly. Pull the door shut, the latch plunger should engage the strike plate and not have any play in and out. If there is some play in the latch, loosen the strike plate screws and slide the strike in or out until door closes tightly against the weatherstripping and fully engages the strike plate. There is at least 1/8” of play in the strike plate for adjustment.

Note: Do not fully remove strike plate screws. There is a backer plate behind the frame. If both of screws are removed, this plate will fall down behind the frame.

Step 6:

Install the provided door sweep.

With all doors being custom sized per order, you need to cut the door sweep to match your door slab size.

Measure and cut the metal part of the sweep to match the width of the door slab. Making sure to leave the rubber sweep part a little long on each side to span the gap between door slab and frame.

Line up sweep so it just touches door threshold, pre drill holes with 1/8” drill bit then screw sweep onto door with screws provided in the sweep package.

Check operation of the door. The rubber part of sweep should not rub too hard on threshold and/or exterior decking or patio slab. This can cause the rubber strip to tear. If it rubs too much, loosen screws and move sweep up until proper clearance is obtained.

Step 7:

Our thresholds have a little void on the sides where they extend past the frame. To help with moisture and bugs from coming in, this needs to be filled with silicone. Fill the void with included silicone inside and out on both sides of the threshold. Also if front exterior edge of threshold sits flush with flooring, you may want to run a small bead across it to give you the best protection from the elements.

Door Closer Options:

We do not supply any kind of self closing device with our doors. With every install being different, there is not one device to work with every option. A standard storm door closer, or another type of spring loaded device may work for your application and can be picked up at any hardware store or building supplier. Follow the installation directions on package to complete your install.