

INSTALLATION INSTRUCTIONS

GPX® Builders Series Doors



BEFORE YOU START

Make sure that you've reviewed our "Shipment and Receiving Instructions" that came with your products. These instructions are designed to ensure a partnership in the handling of your purchase.

Check the enclosed packing list to make sure that you received everything in your order.

Typical parts of the GPX® Builders Series Doors may include:

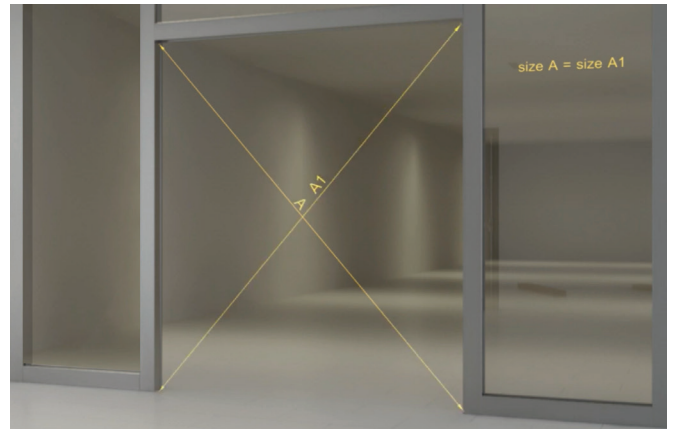
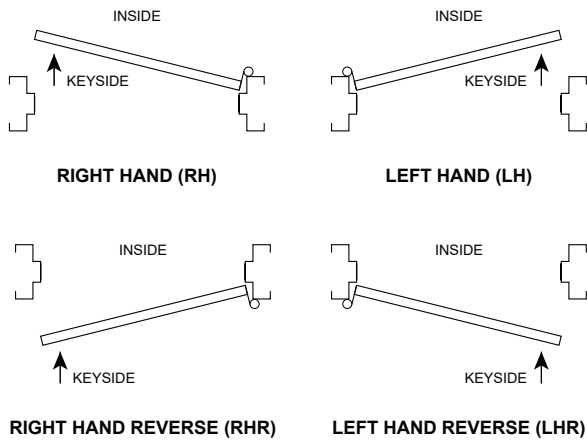
- Door Frame
- Doors (fully prepped and hardware installed. The closer arm and strike to be installed in the field)
- Removable Stops
- Glazing Tape
- Setting Blocks
- Screws
- Smoke and Weather Seal
- Mineral Wool
- Fire Rated Glass (which is crated separately)

SECTION 1

Hanging the Door Frame

It is important that the door frame is installed properly and that the opening is level, square, plumb and all measurements are consistent with the shop drawings.

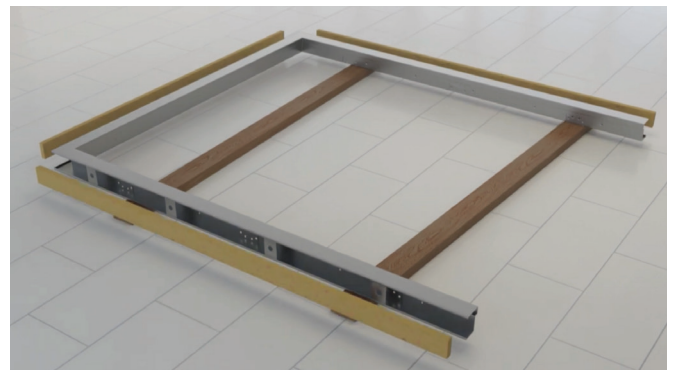
- 1 Check shop drawings for opening measurements and door handing. Measurement taken must be from the top to bottom of vertical jamb, overall door opening width and height of the frame.



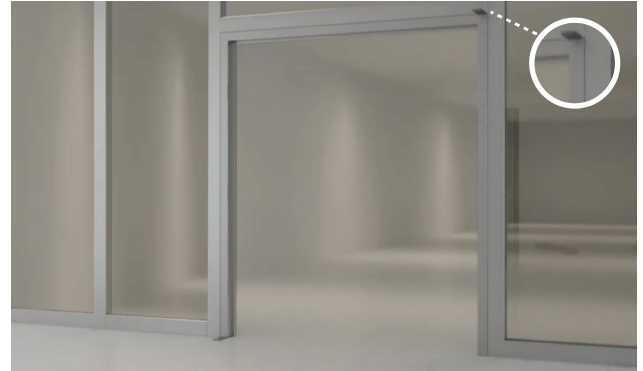
- 2 Measure the height and width of the doors, making sure it matches the shop drawings.



- 3 Pack perimeter of the frame with provided mineral wool.



- 4** Stand the door frame upright and install into the opening. Take both sides of the jamb and make sure it is level, square and plumb to the opening. Shim accordingly.



- 5** Place steel shims behind each mounting location.



- 6** Once the door frame is level, square and plumb, drill through the top mounting hole if needed, to set first mounting screw. Use the provided anchors.



- 7** Check for square by measuring from the top left corner to the bottom right corner, then the top right corner to the bottom left corner. Continue the door frame installation using the provided anchors. Measure periodically, making sure it is level, square and plumb. Make adjustments if necessary.



SECTION 2

Prepping the Glass

- 8** Attach glazing tape to the fixed stops on the door. Attach glazing tape to the removable stops as well. Butt the tape neatly at the corners.



SECTION 3

Hanging the Doors and Setting the Glass

- 9** Lift and set the door on a block, installing the top hinge first. Use the fasteners provided. Start by installing one fastener in each hinge.



- 10** Once all hinges are aligned, complete the hinge installation process. Hinge shims may be required.



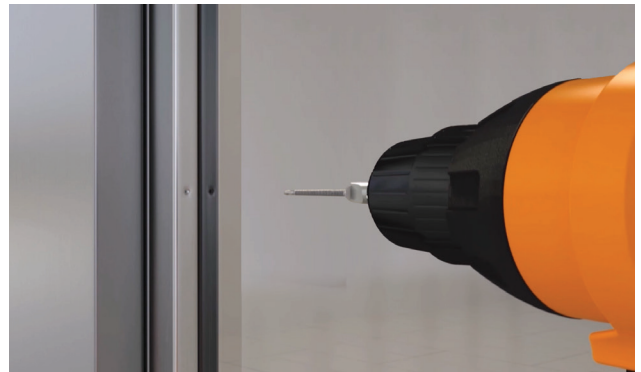
- 11** Once the door is hung, check the swing to make sure the gaps are consistent with the shop drawings and within tolerance. Also check to make sure the door is opening and closing smoothly.



- 12** Set two setting blocks, place approximately 3 inches from each side on center, at the bottom of the glass pocket. Lift the glass with suction cups and lay gently on the setting blocks.



- 13** Begin installing removable stops on the door with the screws provided in the part box. Start with the vertical removable stops and then the horizontal removable stops. Use the predrilled holes on the removable stops when attaching them to the door.



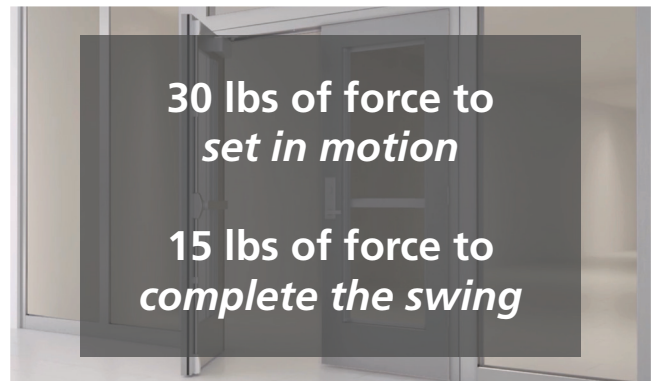
- 14** Once the removable stops are in place, begin installing the closure arm. Continue by installing the strikes.



- 15** Apply the smoke and weather seal on the frame.



- 16** Check the swing again. Adjust the closer so that the required door opening force is satisfied (30 pounds of force to set in motion, 15 pounds of force to complete the swing). Reference the door's installation instructions when adjusting the swing and latch speeds. Adjust the strikes if necessary.



- 17** Complete the perimeter seal installation. Pack void with provided mineral wool and caulk with fire rated seal or silicone.

