

SCREEN DOOR INSTALLATION

tips & suggested hardware for hinged doors

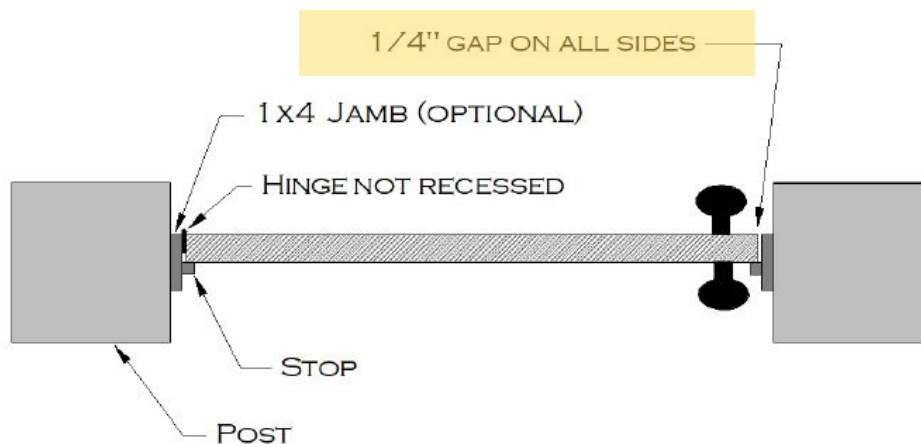


When installing a screened door, or any door, you want to make sure your opening is square and plumb. This makes installation so much easier. If you find your opening is not so perfect, just make sure you have an experienced carpenter on hand!

Installation Tips:

Our screen doors have an inside and an outside. Inside has the screen stop and on the outside you will notice that the ledges are beveled to drain water.

We like to add a 1x4 on either side of our posts to use as a jamb on which to hang the door. This is not essential but will allow the door to be centered under the header.



We also prefer to swing the doors to the inside to help protect the door from the rain. If you do swing to the outside, we recommend adding a strip of aluminum to the top of the door. Allow the doors to acclimate to the site for a few days prior to fitting and installing. When storing the doors, keep as vertical as possible. Lean doors on even, balanced points of contact (such as a wall).

The doors must be sealed on all sides - especially top and bottom. Seal prior to screening.

When fitting the doors, look for any bowing or warping.

This should be very minimal and can generally be corrected by making sure hinges are aligned. Adjust stops to meet the shape of the door after door is hung.

Our doors have no metal fasteners so they may be planed on all sides if needed to fit the opening.

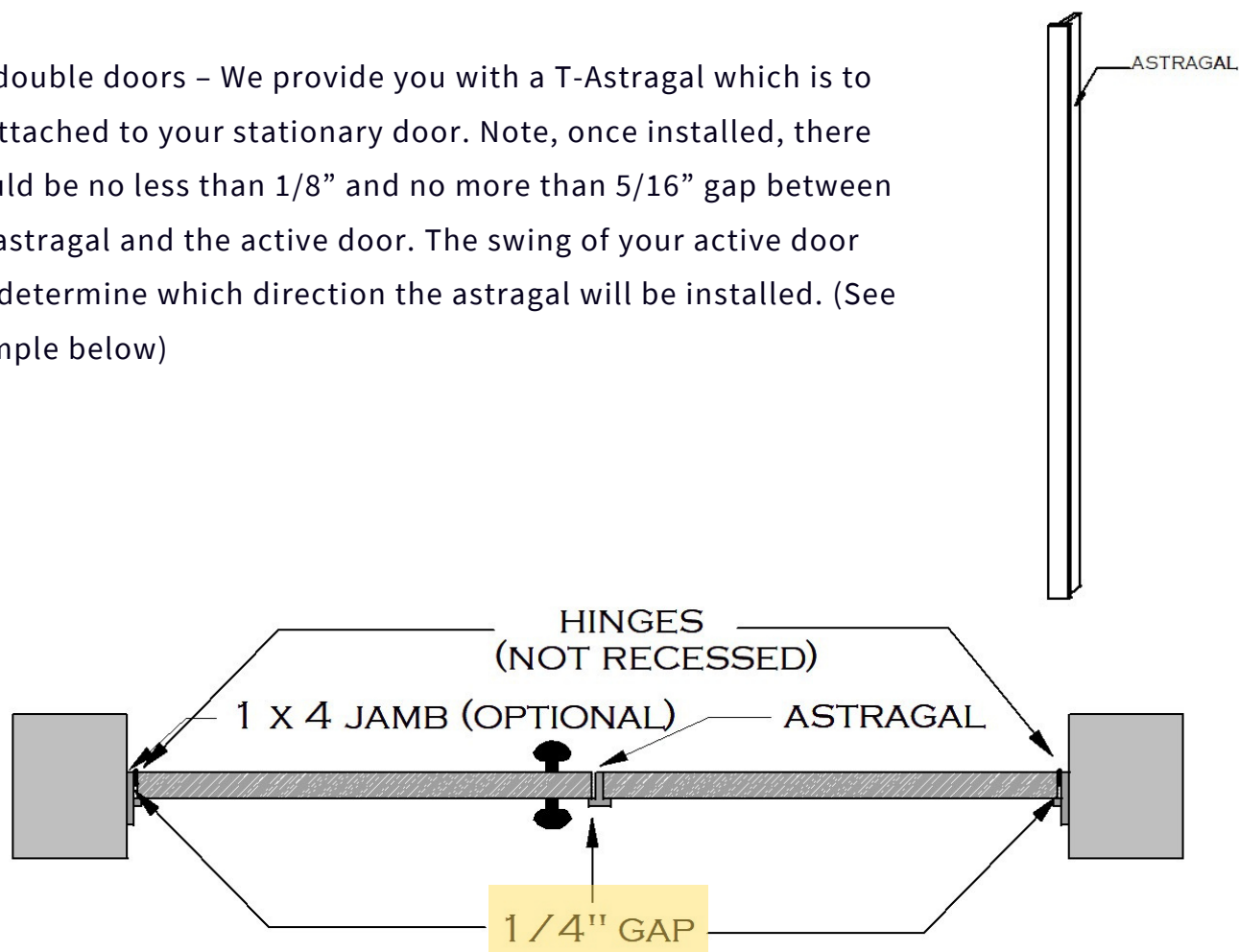
Leave a gap around the door - no less than 1/8", no more than 5/16". These are wood doors and they will move with the weather.

We use 3 hinges per door. On the active door, we use two spring loaded hinges.

We do not recess our hinges. The stops placed on the outside of the doors conceals this gap. If the door does expand, you can then recess the hinge to allow for the expansion without having to cut off the door.

We install the strike plate recessed and flush with the door jamb. This can be shimmed or moved up or down to accommodate door latch if necessary.

For double doors – We provide you with a T-Astragal which is to be attached to your stationary door. Note, once installed, there should be no less than 1/8" and no more than 5/16" gap between the astragal and the active door. The swing of your active door will determine which direction the astragal will be installed. (See example below)



Hardware for Screen Doors

We try and make it easy for our clients by leading you to an online hardware store which even has a Porch Company custom page: <http://www.completehomehardware.com/the-porch-co-screen-door-hardware-package/>

Our suggestion is that you use 2 spring loaded hinges on the active door plus one standard hinge. So for a double door you will still only have the 2 spring loaded hinges, but you would have 4 standard hinges (1 for the active door and 3 for the inactive door). Plus, for a double door, you will need 2 surface bolts.

***We recommend pre-drilling starter holes for all screws. We recommend at least 2" screws for attaching hinges.**

Complete Home Hardware's Porch Company package includes the following:

Single Door:

- 1 - 4" x 4" square corner hinge
- 2 - 4" x 4" square adjustable spring loaded hinges
- 1 - privacy knob or lever

Double Door:

- 4 - 4" x 4" square corner hinge
- 2 - 4" x 4" square adjustable spring loaded hinges
- 1 - privacy knob or lever
- 2 - 6" surface bolts

***Take a look at page 4 for important door knob placement information**

Attaching Screen to the Doors

Unpack the door and remove the screen stop from the door. Once the doors and screen stop have been painted or stained, you can lay the screen over the opening. Starting at the middle top of the door, staple the screen into the rabbeted area. Pull the screen taut to continue stapling along the top edge. Follow this method on the bottom and then along the left and right side (again, always starting from the center). Reattach your screen stop with brad nails, trim any excess screen, and you're done!



Screen Door Knob Placement

Our doors are made with traditional wood joinery, which includes wooden dominoes. These dominoes are placed intentionally where the rails meet the stiles of your door(s). Because of this, you do not want to bore a hole for your door knob in a location that will cut out that domino, and therefore affect the structural integrity of your door(s).

In other words, be sure to place your door knob or handle above or below the midrail by several inches.



Questions?

E-mail us at info@porhstore.com, or give us a call at 615-730-8067