

Shop Assembly Instructions

FOR MASONITE PERFORMANCE DOOR SYSTEM

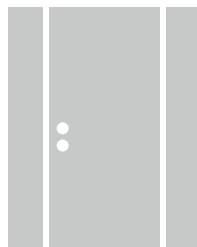


MASONITE

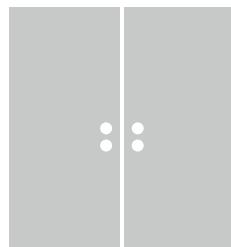
These instructions apply to the following door system configurations:



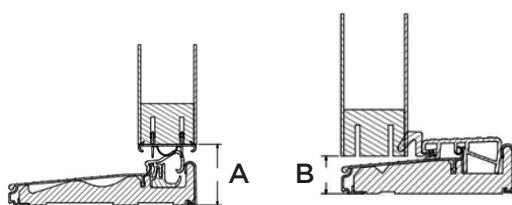
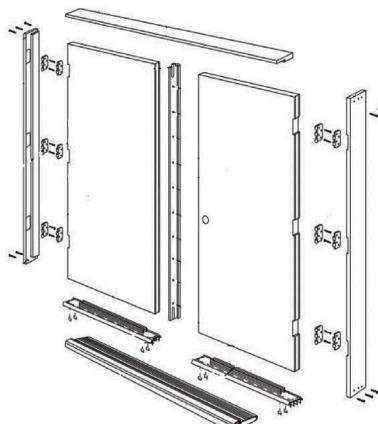
Single Door



Single With Sidelites



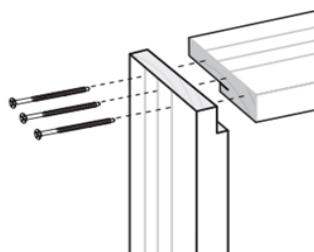
Double Door



Note: tolerance from bottom of sill to bottom of door panel

A) ZAC articulating sill (inswings) = 1-13/16"
B) ZOB sill (outswings) = 1"

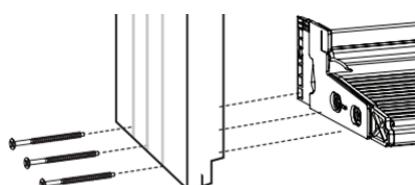
1 ATTACH JAMB HEADS TO JAMB LEGS



Use (3) #8 x 1-5/8" or longer screws to attach the header.

Optional: Use 7/16" x 2" 16-gauge crown staples

2 ATTACH JAMB LEGS TO SILL



Use (3) #8 x 1-5/8" or longer screws to attach the sill.

Optional: Use (1) #8 x 1-5/8" or longer screws and (3) 7/16" x 2" 16-gauge crown staples.

Note: Outswings sill use only (2) screws at each end

Minimum required door system components:

• Masonite components:

- ▶ Fiberglass door panel
- ▶ Fiberglass sidelite panel (if applicable)
- ▶ Glass (if applicable)

• Endura components:

- ▶ FrameSaver jambs
- ▶ ZAC articulating sill (inswings)
- ▶ ZAC door bottom/sweep (inswings)
- ▶ ZOB bumper sill (outswings)
- ▶ Door top seal (outswings)
- ▶ PE650 weatherstrip
- ▶ Simple solution corner pads (inside parts bag)
- ▶ Ultimate astragal (double doors)

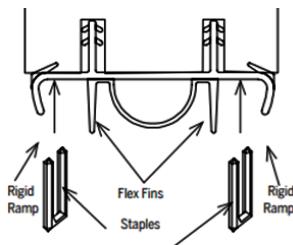
• Hinges (ball bearing recommended)

- Masonite branded slab label
- Masonite branded aluminum identifier label

Optional door system components:

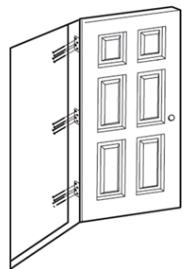
- Endura FusionFrame jambs
- Masonite approved composite jambs

3 ATTACH SWEEP TO DOOR PANEL BOTTOM



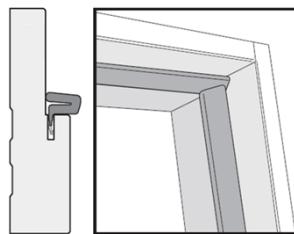
Use (2) 1/2" crown staples at each end in between the rigid ramps and flex fins.

4 SECURE HINGES TO DOOR PANEL AND DOOR JAMB



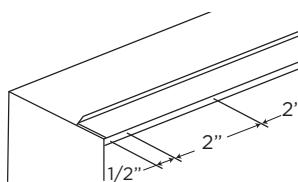
Use #10 x 1" screws for door panel and #10 x 3/4" screws for door jambs.

5 INSTALL WEATHERSTRIP



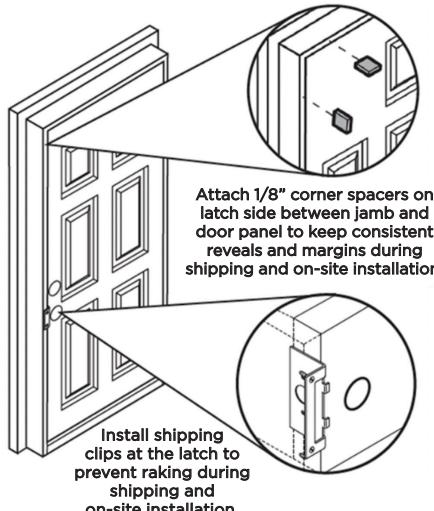
Insert weatherstrip into kerf slot of jamb. Ends should slightly touch frame or corresponding weatherstrip ends.

6 DOOR TOP SEAL (OUTSWINGS)



(For outswing units) Use the Endura door topper with double sided tape.

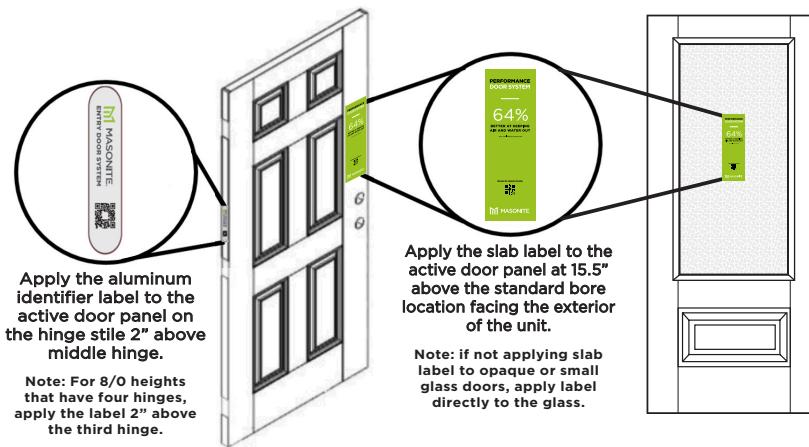
7 CORNER SPACERS AND SHIPPING CLIPS



Attach 1/8" corner spacers on latch side between jamb and door panel to keep consistent reveals and margins during shipping and on-site installation.

Install shipping clips at the latch to prevent raking during shipping and on-site installation.

8 APPLYING LABELS

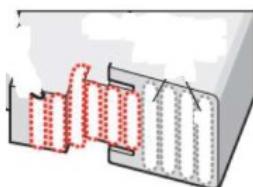


Apply the slab label to the active door panel at 15.5" above the standard bore location facing the exterior of the unit.

Note: if not applying slab label to opaque or small glass doors, apply label directly to the glass.

Additional Steps for Sidelites:

9 CAULKING MULLIONS

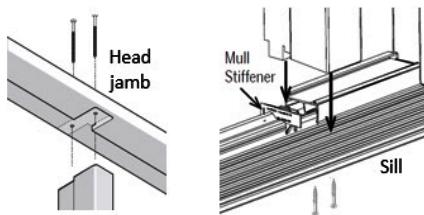


Caulk the bottoms of mullions.

Optional: Full or back-to-back mullions are applicable

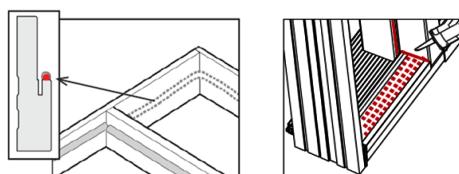
Note: Ensure adequate caulk at the mullion haunch location

10 ATTACH JAMB HEAD AND SILL TO MULLION



Use (2) #8 x 3" screws at both the top and bottom where head jamb and sill meet mullion.

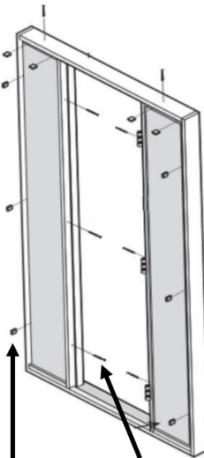
11 CAULK AROUND FRAME AND SILL FOR SIDELITE PANEL



Apply a continuous bead of caulk around the frame stops.

Caulk sidelite spacer and add extra caulk in the kerf slot at each end.

12 SPACERS AND SECURING



1) Use 1/8" thick spacers between sidelite panel edges and frame

2) Secure sidelite panels with #8 x 2-1/2" screws along the mullions and head jamb

Note: For high wind zone application, apply #8 3" screws through sill into middle of sidelite bottom
1) at center and 2) evenly spaced

Additional Steps for Double Doors:

13 ASTRAGAL INSTALLATION

Ultimate Flip Lever™ Astragal
Prehanger Installation Instructions

POWERED BY ENDURA
8817 West Market Street
Coffey, NC 27233 | 800.334.2006
www.enduraproducts.com

Tools Required:

- Flathead Screwdriver
- Shears
- Phillips Screwdriver
- Tape Measure

Kit Includes:

- Full Astragal
- Full Length Trim Strip
- Screw Pack
- Field Pack

Screw Pack Includes:

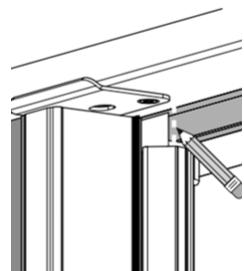
- (8) #8 x 1" Screws
- (2) #8 x 1-1/2" Screws

Product Reference Guide

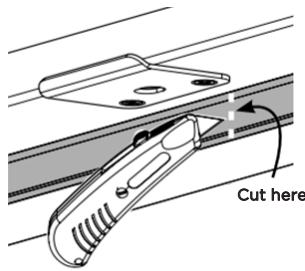
Rev. Date: 08.24.2007
©2007 Endura Products, Inc.
U.S. Patents: 6,097,043 and other patents pending
#211159-FLPREHINST

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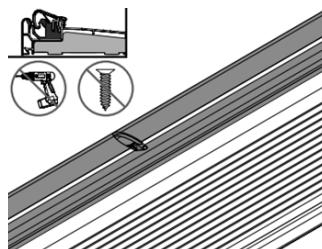
Refer to Endura's Ultimate Astragal installation instructions based on astragal type being used

14**WEATHERSTRIP TRIMMING
AT ASTRAGAL TOP**

Mark header weatherstrip
at astragal cap



Cut weatherstrip
at mark

15**ASTRAGAL
BOLTS**

Zac sills for inswings do not require drilling as bolt receiver is already installed. Engage bottom bolt before shipping.