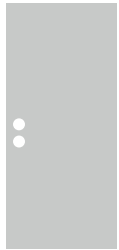


Shop Assembly Instructions

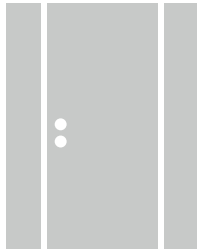
FOR MASONITE PERFORMANCE DOOR SYSTEM



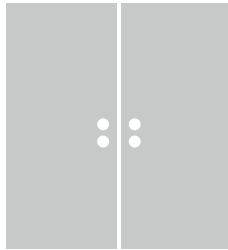
These instructions apply to the following door system configurations:



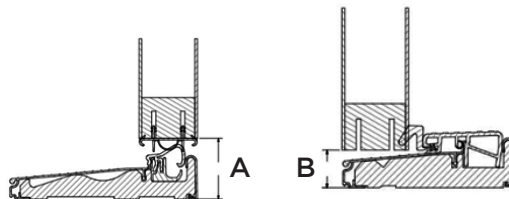
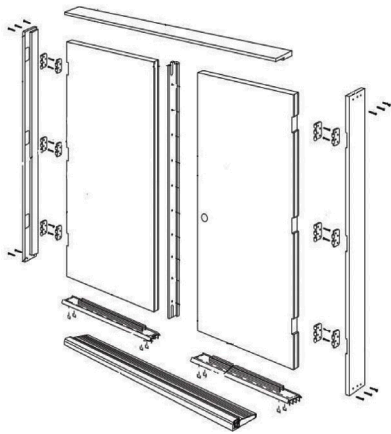
Single Door



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"

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

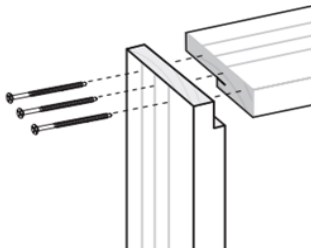
• Masonite branded aluminum identifier label

Optional door system components:

• Endura FusionFrame jambs

• Masonite approved composite jambs

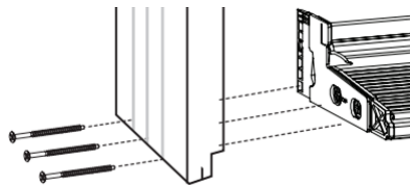
1 ATTACH JAMB HEADS TO JAMB LEGS



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

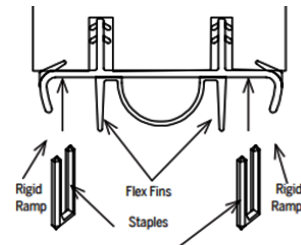


Use (3) #8 x 1-5/8" or longer screws to attach the sill.

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

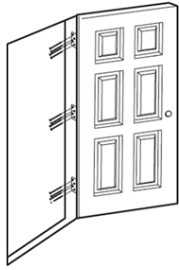
Note: Outswings sill use only (2) screws at each end

3 ATTACH SWEEP TO DOOR PANEL BOTTOM



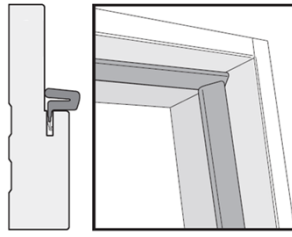
Use (2) 1/2" crown staples at each end in between the rigid ramps and flex fins.

4 SECURE HINGES TO DOOR PANEL AND DOOR JAMB



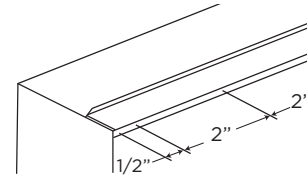
Use #10 x 1" screws for door panel and #10 x 3/4" screws for door jambs.

5 INSTALL WEATHERSTRIP



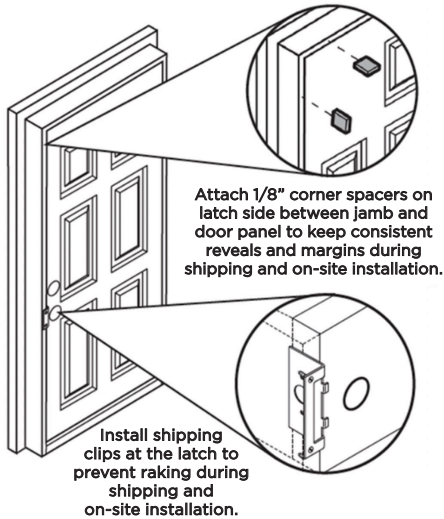
Insert weatherstrip into kerf slot of jamb. Ends should slightly touch frame or corresponding weatherstrip ends.

6 DOOR TOP SEAL (OUTSWINGS)

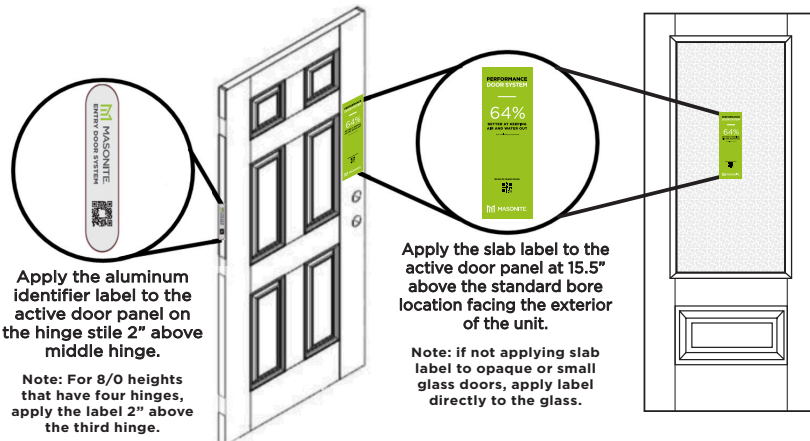


(For outswing units) Use the Endura door topper with double sided tape.

7 CORNER SPACERS AND SHIPPING CLIPS

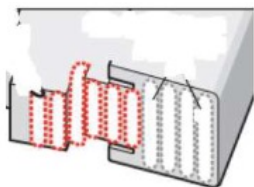


8 APPLYING LABELS



Additional Steps for Sidelites:

9 CAULKING MULLIONS

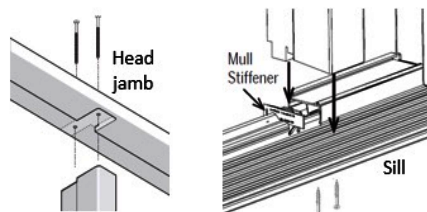


Caulk the bottoms of mullions.

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

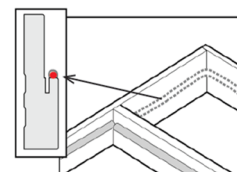
Note: Ensure adequate caulk at the mullion haunch location

10 ATTACH JAMB HEAD AND SILL TO MULLION

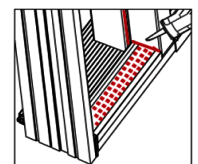


Use (2) #8 x 3" screws at both the top and bottom where head jamb and sill meet mullion.

11 CAULK AROUND FRAME AND SILL FOR SIDELITE PANEL

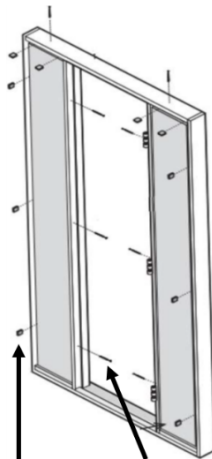


Apply a continuous bead of caulk around the frame stops.



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

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

POWERED BY ENDURA

8837 West Market Street
Cottus, NC 27225 | 800.334.2006
www.enduraproducts.com

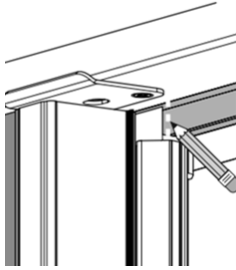
Product Reference Guide

Rev. Date: 08.24.2017
©2017 Endura Products, Inc.
U.S. Patents: 9,097,043 and other patents pending
#211159-FLPREHINST

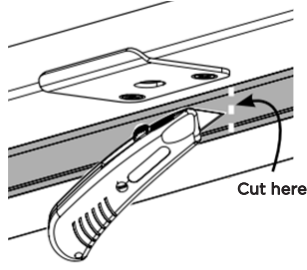
Refer to Endura's Ultimate Astragal installation instructions based on astragal type being used

14

WEATHERSTRIP TRIMMING AT ASTRAGAL TOP



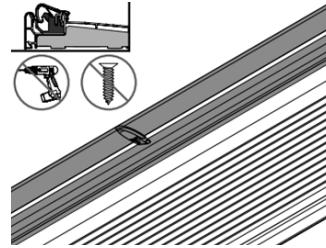
Mark header weatherstrip
at astragal cap



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.