

**JAMB FASTENER ANALYSIS  
CONNECTING JAMB TO EXISTING STRUCTURE  
DOCUMENT CBPC-JFA-0002-REV01.DOC**

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This analysis provides a Jamb Fastening Schedule for the following situation:

- Door is mounted directly to min. 12 ga steel jambs.
- Track is Continuous Angle or Reverse Angle Track

**Using The Schedules**

1. Determine the positive wind load for a particular door, in pounds per square foot and the maximum allowed door width from the Approved Clopay Windload drawing specific to the installation.
2. Use the Schedule and round the positive wind load to the nearest value listed in the Schedule.
3. Review the notes at the bottom of the schedule.

**Important Information**

- The fasteners used may need to be installed in accordance with either manufacturer's instructions or requirements specific to a particular project
- Please observe the notes included with each Schedule.

  
5/31/22

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**1/4" x 3/4" Self-Tapping Screws on 12 ga Steel Jamb**

1/4" x 3/4" Self-Tapping Screws on 12 ga Steel Jamb  
Reference: 2001 NDS for Wood Construction, p. 8, 59, 68, 74, 166

12 ga Steel Jamb  
209 lb/anchor allowable load

Door Width (ft) => Design Load	Maximum Spacing (INCHES)						
	9'-0"	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"	20'-0"
10 PSF	24	24	24	24	24	24	24
15 PSF	24	24	24	24	24	19	17
20 PSF	24	24	21	18	16	14	12
25 PSF	22	20	17	14	12	11	10
30 PSF	19	17	14	12	10	9	8
35 PSF	16	14	12	10	9	8	7
40 PSF	14	12	10	9	8	7	6
45 PSF	12	11	9	8	7	6	6
50 PSF	11	10	8	7	6	6	5
55 PSF	10	9	8	6	6	5	5
60 PSF	9	8	7	6	5	5	4

Notes:

1. Anchors to be evenly spaced between the header and the floor or between jams.
2. First (bottom) anchor starting at no more than half of the maximum on-center distance. Highest anchor installed at least as high as the door opening.
3. Supporting structural elements shall be designed by a registered professional engineer for wind loads in addition to other loads.

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