

Direct Wood Mounting Detail

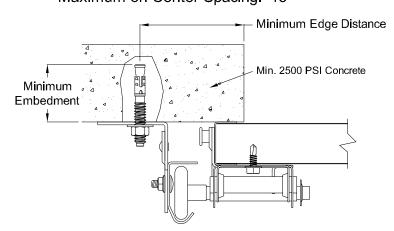
Bracket Mount Shown, Reverse and Continuous Angle Mount Also Approved As Alternate.

439 lbs. per anchor allowable load 5/16" Dia. Lag Screw w/1-1/8" O.D. Flat Washer (shall conform to ANSI/ASME standard B18.2.1)

Minimum Screw Length: Spruce-Pine-Fur (SPF) - 2-1/2" Southern Pine - 1-5/8"

Minimum Edge Distance: 1/2"
Maximum on Center Spacing: 13"

D

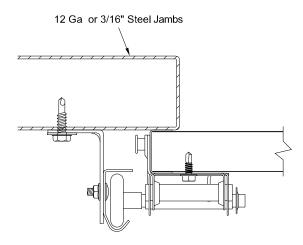


Direct Concrete Mounting Detail

Continuous Angle Clip Mount Shown, Bracket and Reverse Continuous Angle Mount Also Approved As Alternate.

831 lbs. per anchor allowable load 3/8" Dia. Ankr-Tite CCAT w/1-1/8" O.D. Flat Washer (by Wej-It Fastening Systems)
Minimum Embedment: 2-5/8"

Minimum Edge Distance: 2-1/2"
Minimum on Center Spacing: 6"
Maximum on Center Spacing: 24"



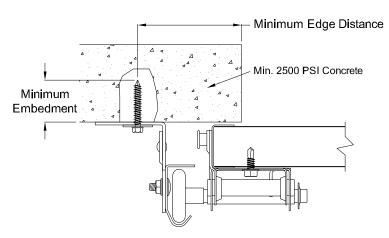
Direct Steel Mounting Detail

Bracket Mount Shown, Reverse and Continuous Angle Mount Also Approved As Alternate.

232 lbs. per anchor allowable load - 12 Ga Steel 569 lbs. per anchor allowable load - $\frac{3}{16}$ " Steel 5/16"-12 Tek Self-Drilling Screw w/9/16" O.D. Flat Washer

12 Ga Maximum on Center Spacing: 7"

3 Maximum on Center Spacing: 17"

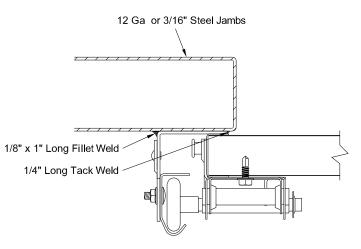


Direct Concrete Mounting Detail

Continuous Angle Clip Mount Shown, Bracket and Reverse Continuous Angle Mount Also Approved As Alternate.

562 lbs. per anchor allowable load 1/4" Dia. Concrete Self-Tapping & Wedge Anchor w/1" O.D. Flat Washer (Includes Tapcon+ (by ITW), Wedge-Bolt+ (by Powers Fasteners) & Red Head TruBolt wedge anchor (by ITW)) Minimum Embedment: 2" Minimum Edge Distance: 2-1/2" Minimum on Center Spacing: 5"

Maximum on Center Spacing: 16"



Direct Steel Mounting Detail

Reverse Continuous Angle Clip Mount Shown, Continuous Angle Mount Also Approved As Alternate.

1272 lbs. per anchor allowable load 1/8" Nom. x 1" Long Fillet and 1/4" Long Tack Weld (E60xx Electrodes Min.)

Welds performed by a certified welder or inspected by a certified welding inspector to verify integrity of the welds.

Maximum on Center Spacing: Apply welds at each roller location not to exceed 24"

IMPACT RESISTANT

John E Scates, P.E. 2560 King Arthur Blvd. Ste 124-54 Lewisville, Texas 75056 Texas P.E. 56308/F2203

Professional Engineer seal provided only for verification of wind load construction details.



DESCRIPTION: 18' 2" HT 5000 ALUMINUM SERIES WIND LOAD SECTIONAL DOOR

WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +45.0/-50.0 PSF

DRAWING NO.: WLTI-5000-0218-08-45-50 | REV. A

DATE DRN: 11/22/18 | DRAWN BY: MVS | REV. DATE: 2/22/22

MODEL(S): See Sheet 3 | SHEET: 4 OF 4

1 2 3 4 5 6 7 8