



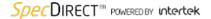
LISTING INFORMATION OF

Ambico - FEMA Tornado Resistant Door Assemblies ICC 500 (2014)

SPEC ID: 38068

Ambico Limited 1120 Cummings Avenue Ottawa, ON K1J 7R8 Canada

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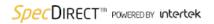
LISTING INFORMATION

The Ambico FEMA Tornado Resistant Door Assemblies consist of steel doors and frames in single out-swing, single in-swing, pair out-swing and pair in-swing configurations. The doors assemblies, with components as described in the table below, have been evaluated for compliance with ICC 500-2014.

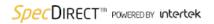
ICC 500-2014 PRODUCT ASSEMBLY & RATINGS

Product and Model No.

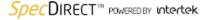
Assembly Type	Permitted Size	Tornado Resistance Design Pressure	Impact Rating
Single Out-Swing	Min: 2'-6" x 3'-0" Max:4'-0" x 10'-0"	+/- 250 PSF	15 lb 2x4 @ 100 mph
Configuration	 Securitech 73XX-0 Securitech 83XX-0 Securitech AWLCH Securitech AWDCH Securitech 53XXV bolt option) - (3-point) Securitech 73XX-F option - 3-point) 	Ambico Tornado Frame (3 Ax-CVR-HVL (3-point) CVR-HVL (3-point) H-X-TXXX (3-point CVR E H-X-XXXX (3-point CVR L F Mortise Deadbolt Syste F Mortis	exit device w/ HVL) L/ L with HVL) em (vertical bottom m (vertical bottom bolt m (vertical bottom bolt eight) or night) les; 60" to 90" s; 104" to 120" 5 - Screw Attached),



	Electric Power Transfer: Von Duprin EPT-2, Von Duprin EPT-10, Securitron EPT. Door Position Switch: GE Sentrol 1078,1076, or similar up to 1-inch diameter Threshold: Not Evaluated. Mag Lock: Not Evaluated.				
Assembly Type	Permitted Size	Tornado Resistance Design Pressure	Impact Rating		
Single In-Swing	Min: 2'-6" x 3'-0" Max: 4'-0" x 8'-0"	+/- 250 PSF	15 lb 2x4 @ 100 mph		
Configuration	Door: Ambico Steel Stiffened Frame: 14 gauge Steel Ambico Tornado Frame (3-Sided or 4-Sided) Latching Hardware: Securitech 53xx-Fxx-CVR-HVL (3-point) Securitech 73XX-CVR-HVL (3-point) Securitech 83XX-CVR-HVL (3-point) Securitech AWLCH-X-TXXX (3-point CVR Exit device w/ HVL) Securitech AWLCH-X-XXXX (3-point CVR L/ L with HVL) Securitech 53XXV-F Mortise Deadbolt System (vertical bottom bolt option) - (3-point) Securitech 73XX-F Mortise Deadbolt System (vertical bottom bolt option – 3-point) Securitech 83XX-F Mortise Deadbolt System (vertical bottom bolt option – 3-point) Anchoring: (10) -3/8" jamb bolts, 5 per jamb (based on 8 ft height) No head bolts required Hinges: Gallery GSH 918SS [60" minimum 2 hinges, 60" to 90" minimum 3 hinges, above 90" minimum 4 hinges.] Door Closer: LCN 4040XP (Metal or Plastic Cover - Screw Attached), Reg/PA Mount Door Bottom: Not Evaluated. Protection Plate: Threat side only - Max. Size 34 in wide x 10 in tall located at bottom portion of door, screw attached per manufacturers instructions Door Viewer: Not Evaluated. Vision Kit: Not Evaluated. Vision Kit: Not Evaluated. Securitron EPT. Door Position Switch: GE Sentrol 1078,1076, or similar up to 1-inch diameter				



	Threshold: Not Evaluated. Mag Lock: Not Evaluated.			
Assembly Type	Permitted Size	Tornado Resistance Design Pressure	Impact Rating	
Pairs Out-Swing	Min: 5'-0" x 6'-8" Max: 8'-0" x 8'-0"	+/- 250 PSF	15 lb 2x4 @ 100 mph	
Configuration	Door: Ambico Steel Stiffened Frame: 14 gauge Steel Ambico Tornado Frame (3-Sided) Latching Hardware: Securitech 8VTXX-SBD Surface Rod Securitech 52VXX-FXX Securitech 7VTXX-CVR Concealed Rod (2-point each leaf) Securitech 8VTXX-CVR (2-point each leaf) Door sizes below 8'-0" x 8'-0" must use Securitech 8VXXX-UX-SBD. Anchoring: (10) -3/8" jamb bolts, 5 per jamb (based on 8 ft height) (4) -3/8" header bolts in pair assemblies only Hinges: Gallery GSH 918SS [60" minimum 2 hinges, 60" to 90" minimum 3 hinges, above 90" minimum 4 hinges.] Door Closer: LCN 4040XP (Metal or Plastic Cover - Screw Attached), Reg/PA Mount Door Bottom: Not Evaluated. Protection Plate: Max. Size 34 in wide x 10 in tall located at bottom portion of door, screw attached per manufacturers instructions Door Viewer: Not Evaluated. Vision Kit: Not Evaluated. Weather Seals: Not Evaluated. Electric Power Transfer: Von Duprin EPT-2, Von Duprin EPT-10, Securitron EPT. Door Position Switch: GE Sentrol 1078,1076, or similar up to 1-inch diameter Threshold: Not Evaluated. Mag Lock: Not Evaluated.			
Assembly Type	Permitted Size	Tornado Resistance Design Pressure	Impact Rating	
Pairs In-Swing	Min/Max: 8'-0" x 8'-0"	+/- 250 PSF	15 lb 2x4 @ 100 mph	
Configuration	Door: Ambico Steel Stiffened Frame: 14 gauge Steel Ambico Tornado Frame (3-Sided)			



Latching Hardware:

- Securitech 52VXX-FXX
- Securitech 7VLXX-CVR Concealed Rod (2-point each leaf)
- Securitech 8VLXX-CVR (2-point each leaf)

Anchoring:

(10) - 3/8" jamb bolts, 5 per jamb

(4) - 3/8" header bolts

Hinges: Gallery GSH 918SS [minimum 4 hinges.]

Door Closer: LCN 4040XP (Metal or Plastic Cover - Screw Attached),

Reg/PA Mount

Door Bottom: Not Evaluated.

Protection Plate: Threat side only - Max. Size 34 in wide x 10 in tall located at bottom portion of door, screw attached per manufacturers

instructions

Door Viewer: Not Evaluated. Vision Kit: Not Evaluated. Weather Seals: Not Evaluated.

Electric Power Transfer: Von Duprin EPT-2, Von Duprin EPT-10,

Securitron EPT.

Door Position Switch: GE Sentrol 1078,1076, or similar up to 1-inch

diameter.

Threshold: Not Evaluated. Mag Lock: Not Evaluated.

Attribute Value

Criteria ICC-500 (2014)

CSI Code 08 11 00 Metal Doors and Frames
CSI Code 08 30 00 Specialty Doors and Frames

Intertek Services Certification
Listed or Inspected LISTED

Listing Section WINDSTORM - SWING DOOR ASSEMBLIES

Spec ID 38068

Windload/Structural Tornado Resistance