



# ASSA ABLOY

**SARGENT FM8700 SURFACE VERTICAL ROD EXIT DEVICE**  
**6'0" X 7'0" PAIR, +/-284 PSF DESIGN PRESSURE; +/-340 PSF TEST PRESSURE**  
**GREATER THAN 6'0" X 7'0" PAIR, +246, -225 DESIGN PRESSURE; +296,-270 PSF TEST PRESSURE**  
**IMPACT RATING 15 LB. 2X4 @ 100 MPH**  
**PRODUCT QUALIFIED FOR USE IN TORNADO STORM SHELTERS**

## TEST STANDARDS

ICC	500-2014
FEMA	361-2015

## FRAMES

DESCRIPTION	3F
LABEL	UL WINDSTORM LABEL REQUIRED MAY BE UL FIRE RATED UP TO 180 MINUTES
JAMB DEPTH	4" MINIMUM - SINGLE RABBET; 5-3/4" DOUBLE RABBET, 14" MAXIMUM
PROFILE TYPE	M, G
STEEL GAUGE	14 GAUGE DEFAULT STANDARD, 12 GAUGE OPTIONAL
STEEL TYPE	COLD ROLLED, GALVANEAL
CONSTRUCTION	KD OR WELDED AT FACTORY
HAND	OUT SWING ONLY
ANCHORS	<b>JAMB</b> MASONRY T, MASONRY WIRE, WPS, WEWA, OR WELDED TO THE BUILDING STRUCTURE <b>HEAD (HEAD ANCHORING REQUIRED)</b> WPS, WEWA, OR WELDED TO THE BUILDING STRUCTURE
OVERALL WIDTH	6'4" MIN, 8'4" MAX
OVERALL HEIGHT	7'2" MIN, 8'4" MAX
DOUBLE OPENING	ALLOWED
4" FACE HEAD	ALLOWED
MFG LOCATIONS	CURRIES
STRIKES	G20 IN HEAD
DUTCH FRAME	N/A
SILENCERS	ALLOWED

## DOORS

FACE TYPE	FLUSH
LABEL	UL WINDSTORM LABEL REQUIRED MAY BE UL FIRE RATED UP TO 180 MINUTES
DOOR SERIES	707 (POLYSTYRENE, HONEYCOMB FOR FIRE RATED ONLY)
DOOR EDGE	S, N, OR T
STEEL GAUGE	16 GAUGE DEFAULT STANDARD, 12 GAUGE OPTIONAL
STEEL TYPE	COLD ROLLED, GALVANEAL
BEVEL	A
TOP CAP	REQUIRED
HAND	OUT SWING
WIDTH	3'0" MIN, 4'0" MAX PER LEAF
HEIGHT	7'0" MIN, 8'0" MAX PER LEAF
DOOR THICKNESS	1-3/4" ONLY
LOCK PREPS	G11A IN BOTH LEAFS
UNDERCUT	3/8" SARGENT 655 STRIKE OR 5/8" SARGENT 653 STRIKE
ASTRAGAL	N/A

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## HARDWARE

HINGES	H454 OR H504 - 7'0" to 8'0"
	<b>MCKINNEY:</b>
	BUTT HINGES:
	SP3386, SP3786 HEAVY WEIGHT HINGES <sup>1</sup>
	OR HEAVY WEIGHT STAINLESS STEEL BUTT HINGES
	CONTINUOUS HINGES:
	MCK-HG305 <sup>1</sup>
	<b>MARKAR:</b>
	CONTINUOUS HINGES:
	HG305 <sup>1</sup>
	<sup>1</sup> WITH OR WITHOUT QC OPTION
LOCKS	<b>SARGENT:</b> FM8700
CLOSERS	<b>CORBIN RUSSWIN:</b> DC8000 <sup>2</sup>
	<b>NORTON:</b> 7500 <sup>2</sup>
	<b>SARGENT:</b> 281 <sup>2</sup>
	<b>ASSA ABLOY ACCENTRA:</b> 4400 <sup>2</sup>
	<sup>2</sup> THROUGH BOLTED ONLY
POWER TRANSFER	SECURITRON: CEPT
DOOR POSITION SWITCH	SECURITRON: DPS-M 3/4"
HOLD OPEN	SECURITRON: MODEL 998
PERIMETER SEALS	PEMKO: MODEL S773 PERIMETER SEAL
RAIN DRIP CAP	PEMKO: MODEL 346 THREAT SIDE MOUNTING ONLY
BOTTOM SWEEP	PEMKO: MODEL 345
ASTRAGAL SEAL	PEMKO: MODEL 305
THREASHOLD	PEMKO: MODEL 2715
NOTE	ANY ADDITIONAL HARDWARE OPTIONS NEED TO BE APPROVED BY THE FACTORY. NO LATCHING SUBSTITUTIONS ALLOWED