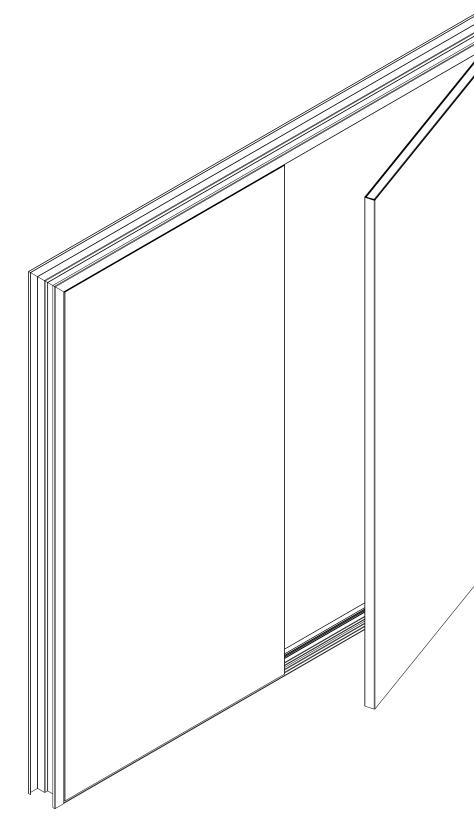
CECO DOOR STORMPRO MULTI POINT LOCK DOOR ASSEMBLY - HURRICANE OR COMBINED HURRICANE AN

PRODUCT MEETS REQUIREMENTS OF ICC 500-2020 IMPACT PROTECTIVE SYSTEMS CERTIFIED FOR HURRICANE OR COMBINED HURRICANE AN

INSTRUCTIONS FOR USING THIS APPROVAL

- **STEP 1:** USE THE DOOR ELEVATIONS PROVIDED ON SHEETS 2 (SINGLE OPENINGS) OR 3 (PAIRED OPENINGS) TO DETERMINE THE APPLICABLE ASSEMBLY NUMBER.
- **STEP 2:** MOVE TO THE CHART BELOW THE DOOR ELEVATIONS, ALSO ON SHEETS 2 AND/OR 3, AND LOCATE YOUR ASSEMBLY NUMBER. BY SCANNING HORIZONTALLY THROUGH THE SAME ROW OF YOUR ASSEMBLY NUMBER, YOU WILL BE ABLE TO DETERMINE THE APPROVED MIN. DOOR/FRAME GAUGE, PERMITTED OPENING SIZE, SWINGING OPTIONS, AND ACTIVE AND INACTIVE LATCHING HARDWARE FOR PANELS. SPECIFIC ASSEMBLY CERTIFICATION LISTING CARD CAN BE FOUND BY SELECTING THE ZHLA LINK IN THE RIGHT COLUMN OF THE TABLE.
- **STEP 3:** USE SHEET 4 TO DETERMINE YOUR FRAMING PROFILE AND FRAMING CONSTRUCTION OPTIONS.
- **STEP 4:** USE THE TABLE(S) ON SHEET 5 AND/OR 6 TO DETERMINE THE ANCHOR TYPE AND SPACING, BASED ON YOUR OPENING SIZE AND SUBSTRATE CRITERIA.
- STEP 5: USE THE TABLE(S) ON SHEET 7 TO SELECT APPROVED HINGE(S) AND HINGE OPTIONS.
- STEP 6: USE THE TABLE(S) ON SHEET 8 TO SELECT APPROVED OPTIONAL ACCESSORIES.

	SHEET INDEX
SHEET #	DESCRIPTION
1	COVER SHEET
2	ASSEMBLY OPTIONS - SINGLE OPENINGS
3	ASSEMBLY OPTIONS - PAIRED OPENINGS
4	DOOR FRAME OPTIONS
5	DOOR FRAME ANCHORING INFORMATION - EXISTING OPENING & WELD TO BUILDING STRUCTURE
6	DOOR FRAME ANCHORING INFORMATION - MASONRY
7	HINGE OPTIONS
8	OPTIONAL ACCESSORIES
9	MANUFACTURERS' NOTES

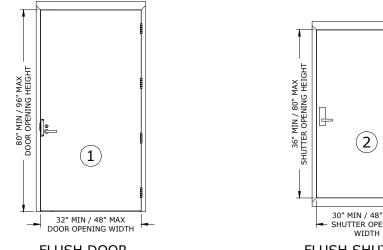


ID TORNADO SHELTER ND TORNADO SHELTERS	Ceco Door ASSA ABLOY
	Experience a safer and more open world
	CECO DOOR PRODUCTS DIV OF ASSA ABLOY DOOR GROUP LLC 9159 TELECOM DRIVE MILAN, TN 38358 COMMERCIAL STEEL IMPACT PROTECTIVE SYSTEM SIDE-SWINGING DOOR ASSEMBLY WITH MULTI POINT LOCK HDW FLORIDA PRODUCT APPROVAL # 40296.8
	DATE 01/06/22 03/07/22 03/28/22 11/13/23 - - - -
	DRWN DRWN PM DC PM LT - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
	DRWN PM PM PM PM PM Carrier State Carrier State Carrier State Carrier State PM PM
	REV DESCRIPTION DRWN CHKD DATE 0 ORIGINAL ISSUE PM DC 01/06/22 1 UPDATE GENERAL NOTE #3 PM DC 03/07/22 2 UPDATE GENERAL NOTES # 1 & 3 PM DC 03/07/22 3 U/D TO ICC 500-2020/FBC 8TH ED PM LT 11/13/23 - - - - - - - - - - - - - - - - - - - - - - - - - - -
	SCALE: NTS UNLESS NOTED UL FILE #: R27575 VOL.SEC.ILL: 2.1.D
	SHEET: 1 OF 9

CECO DOOR STORMPRO MULTI POINT LOCK DOOR ASSEMBLY - HURRICANE OR COMBINED HURRICANE AND TOR

PRODUCTS ILLUSTRATED IN THIS DOCUMENT MEET REQUIREMENTS OF ICC 500-2020 IMPACT PROTECTIVE SYSTEMS CERTIFIED FOR HURRICANE OR COMBINED HURRICANE AND TORNADO DESIGN PRESSURE: ±227 PSF MISSILE CRITERIA: 15-LB LUMBER 2 X 4 @ 100 MPH

SINGLE OPENING - FLUSH



30" MIN / 48" MAX SHUTTER OPENING

FLUSH DOOR

FLUSH SHUTTER

	Minimum	Minimum	Permit	ted Openi	ing Size (inches)	Door		Latching Hardware	Description		Glazing	UL ZHLA			
Assembly		Frame	Mini	mum	Maxi	mum	Swing			Description		Glazing	Assembly			
	Gauge	Gauge	Width	Height	Width	Height	Swing	Туре	Manufacturer	Model	Manufacturer	Model	No.			
11	14	14	27	80	10	96	In-Swing or	Multi Point Lock	Sargent	FM7300 Series	– N/A	N/A	<u>61</u>			
1 ¹ 14	14	14	14	14	14	52	80	40	90	Out-Swing		Corbin Russwin	FE6600 Series	N/A	N/A	<u><u><u></u></u></u>
21	14	14	30	36	10	80	In-Swing or	Multi Point Lock	Sargent	FM6100 Series	N/A	N/A	16			
2 ¹ 14	14		50	40		Out-Swing		Corbin Russwin	FE6700 Series	IN/A	IV/A	40				

¹ Assembly may not comply with various government domestic sourcing regulations, trade agreements, and acquisition policies. Please contact your ASSA ABLOY Government Solutions Representative for more information.

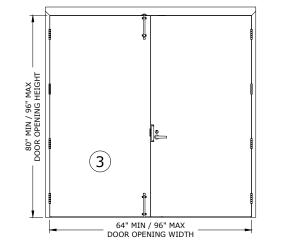
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O SHELTERS	

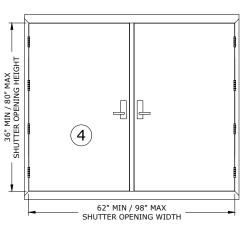


CECO DOOR STORMPRO MULTI POINT LOCK DOOR ASSEMBLY - HURRICANE OR COMBINED HURRICANE AND TORNA

PRODUCTS ILLUSTRATED IN THIS DOCUMENT MEET REQUIREMENTS OF ICC 500-2020 IMPACT PROTECTIVE SYSTEMS CERTIFIED FOR HURRICANE OR COMBINED HURRICANE AND TORNADO SI DESIGN PRESSURE: ±227 PSF MISSILE CRITERIA: 15-LB LUMBER 2 X 4 @ 100 MPH

PAIRED OPENING - FLUSH





FLUSH DOOR

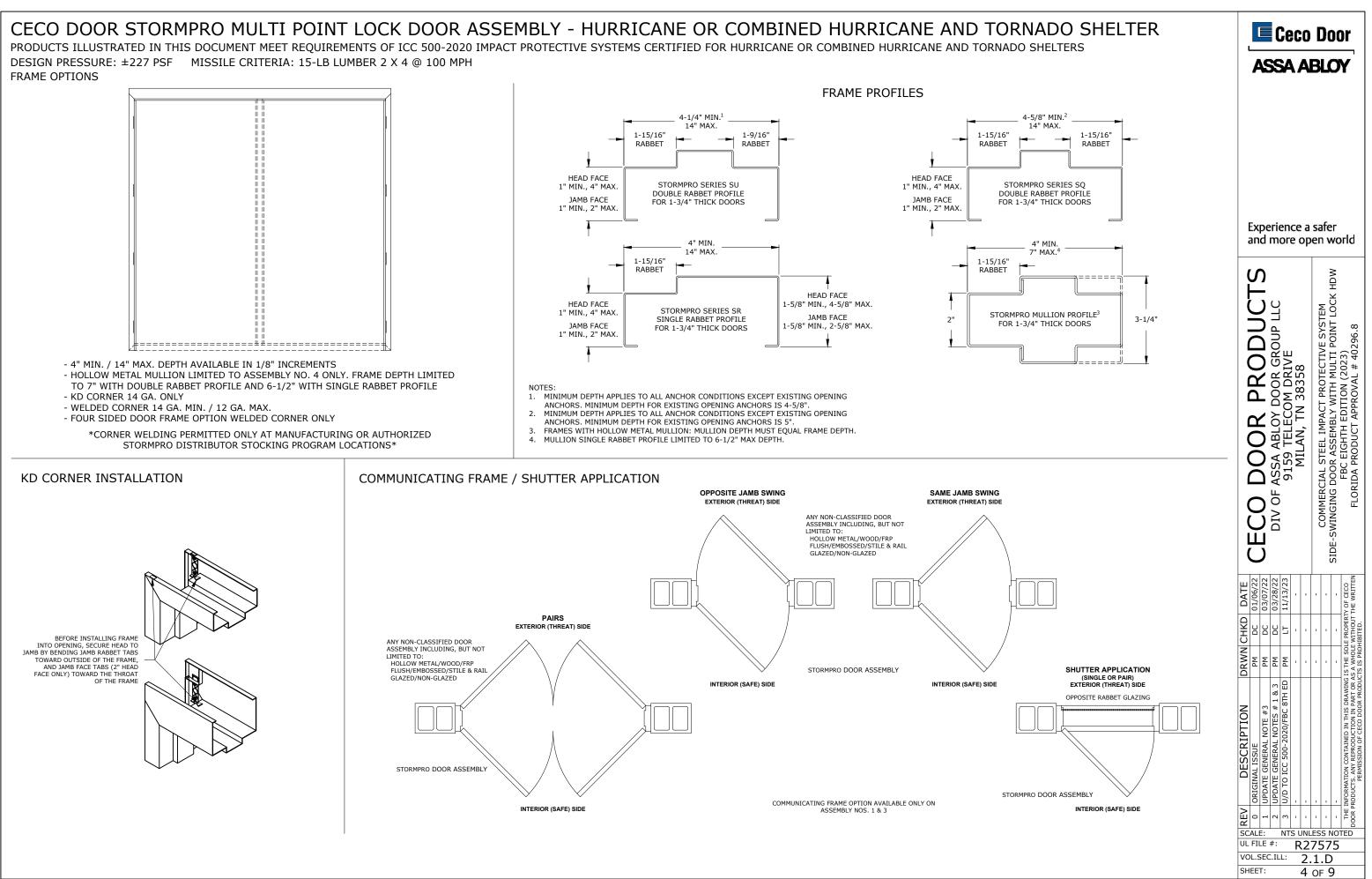
FLUSH SHUTTER

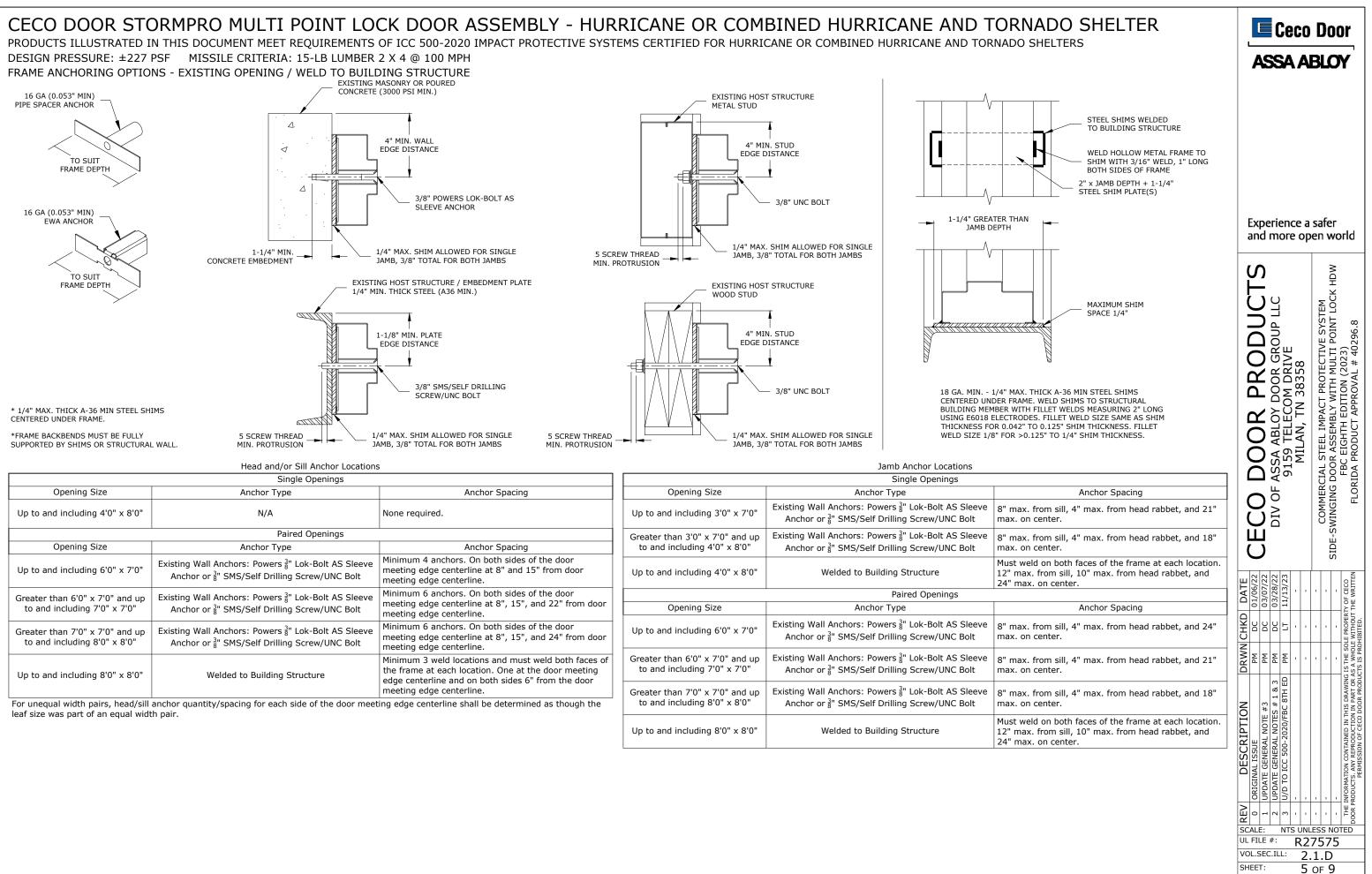
	Minimum	Minimum	Permitt	ed Openi	ng Size (inches) ¹		la	atching Hardware	Description		Glazing
Assembly	Door	Frame	Minii	mum	Maxi	imum	Door Swing			2 000. pt.011		0.029
Ga	Gauge	Gauge	Width	Height	Width	Height		Туре	Manufacturer	Model	Manufacturer	M
								Multi Point Lock (Active) -	Sargent	FM7300 Series		
3 ^{2,3}						96	In-Swing or Out-Swing		Corbin Russwin	FE6600 Series		Ν
	14	14	64	80	96				Sargent	988, 988-1, 988-2	N/A	
			'					out owing	Surface Bolt (Inactive)	Corbin Russwin	988CR, 988CR-1, 988CR-2	
		Yale	988Y, 988Y-1, 988Y-2									
12	14	14 ⁴	62	36	98	80	In-Swing or	Multi Point Lock	Sargent	FM6100 Series	N/A	r
4	14	14	02	50	90	80	Out-Swing		Corbin Russwin	FE6700 Series	IN/A	I

¹ Unequal width pairs are allowed provided that the overall opening size meets min/max permitted size requirements for pairs & each individual leaf size meets min/max permitted size requirements for a single opening as shown on ² Assembly may not comply with various government domestic sourcing regulations, trade agreements, and acquisition policies. Please contact your ASSA ABLOY Government Solutions Representative for more information. ³ Optional factory installed 10 ga. flat plate astragal attached to threat side active or inactive panel available.

⁴ Welded 12 ga. hollow metal mullion required. Available as 4 sided frame only.

RNADO SHELTER DO SHELTERS		Ceco Door ASSA ABLOY					
		Experience a safer and more open world					
Model N/A N/A wn on sheet 2.	UL ZHLA Assembly No. <u>61</u> <u>46</u>	CECO DOOR PRODUCTS DIV OF ASSA ABLOY DOOR GROUP LLC 9159 TELECOM DRIVE MILAN, TN 38358 COMMERCIAL STEEL IMPACT PROTECTIVE SYSTEM SIDE-SWINGING DOOR ASSEMBLY WITH MULTI POINT LOCK HDW FBC EIGHTH EDITION (2023) FLORIDA PRODUCT APPROVAL # 40296.8					
		S THE INFORMATION CONTAINED IN THIS DRAWING CHKD DATE 1 UPDATE GENERAL NOTE #3 PM DC 01/06/22 2 UPDATE GENERAL NOTE #1 & 3 PM DC 03/07/22 2 UPDATE GENERAL NOTE #1 & 3 PM DC 03/07/22 2 UPDATE GENERAL NOTE #1 & 3 PM DC 03/07/22 3 U/D TO ICC 500-2020/FBC 8TH ED PM LT 11/13/23 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GECO THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GECO DOOR PRODUCTS ANY REDOUCTION PART OF CECO DOOR PRODUCTS IS PROHUBITED. SHEETE: 3 OLE 30 OR OF THE SOLE PROPERTY OF GECO					

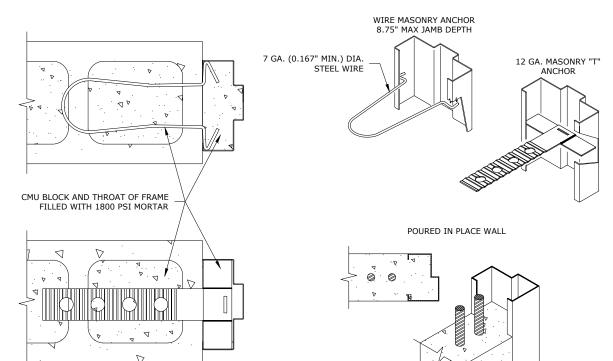




CECO DOOR STORMPRO MULTI POINT LOCK DOOR ASSEMBLY - HURRICANE OR COMBINED HURRICANE AND TORNADO SHELTER PRODUCTS ILLUSTRATED IN THIS DOCUMENT MEET REQUIREMENTS OF ICC 500-2020 IMPACT PROTECTIVE SYSTEMS CERTIFIED FOR HURRICANE OR COMBINED HURRICANE AND TORNADO SHELTERS

PRODUCTS ILLUSTRATED IN THIS DOCUMENT MEET REQUIREMENTS OF ICC 500-2020 IMPACT PROTECTIVE SYSTEMS CERTIFIED FOR HURRICANE OR COMBINED HURRICANE AND TORNAD DESIGN PRESSURE: ±227 PSF MISSILE CRITERIA: 15-LB LUMBER 2 X 4 @ 100 MPH

FRAME ANCHORING OPTIONS - MASONRY ANCHORS



*FRAME BACKBENDS MUST BE FULLY SUPPORTED BY STRUCTURAL WALL.

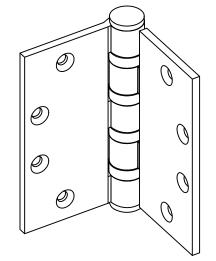
	Jamb Anchor Location	IS
	Single Openings	
Opening Size	Anchor Type	Anchor Spacing
Up to and including 4'0" x 8'0"	12 Ga. Masonry "T" Anchor	8" max. from sill, 6" max. from head rabbet, and 24" max. on center.
Up to and including 3'0" x 7'0"	Wire Masonry Anchor	12" max. from sill, 10" max. from head rabbet, and 16" max. on center.
Greater than 3'0" x 7'0" and up to and including 4'0" x 8'0"	Wire Masonry Anchor	12" max. from sill, 10" max. from head rabbet, and 14" max. on center.
l.	Paired Openings	
Opening Size	Anchor Type	Anchor Spacing
Up to and including 8'0" x 8'0"	12 Ga. Masonry "T" Anchor	8" max. from sill, 6" max. from head rabbet, and 24" max. on center.
Up to and including 7'0" x 7'0"	Wire Masonry Anchor	12" max. from sill, 10" max. from head rabbet, and 16" max. on center.
Greater than 7'0" x 7'0" and up to and including 8'0" x 8'0"	Wire Masonry Anchor	12" max. from sill, 10" max. from head rabbet, and 14" max. on center.

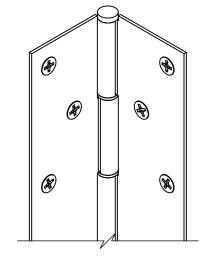
Paired openings utilizing wire masonry or masonry "T" anchors must use existing opening or weld to building head/sill anchoring as shown on sheet 5.



CECO DOOR STORMPRO MULTI POINT LOCK DOOR ASSEMBLY - HURRICANE OR COMBINED HURRICANE AND TORNADO SHELTER PRODUCTS ILLUSTRATED IN THIS DOCUMENT MEET REQUIREMENTS OF ICC 500-2020 IMPACT PROTECTIVE SYSTEMS CERTIFIED FOR HURRICANE OR COMBINED HURRICANE AND TORNADO SHELTERS

PRODUCTS ILLUSTRATED IN THIS DOCUMENT MEET REQUIREMENTS OF ICC 500-2020 IMPACT PROTECTIVE SYSTEMS CERTIFIED FOR HURRICANE OR COMBINED HURRICANE AND TORNAL DESIGN PRESSURE: ±227 PSF MISSILE CRITERIA: 15-LB LUMBER 2 X 4 @ 100 MPH HINGE OPTIONS





Butt Hinges

Manufacturer	Model/Series	Door Swing
	SP3386 or SP3786 Butt Hinges (4-1/2" x 4-1/2", 4-1/2" x 5", 4-1/2" x 6", 4-1/2" x 7", 4-1/2" x 8", 5" x 4-1/2", 5" x 5", 5" x 6", 5" x 7", & 5" x 8" - with or without NRP or QC options.)	In-Swing or Out-Swing

	Continuous Hinges	
Manufacturer	Model/Series	Door Swing
Markar	FM300, HG305, HG315, HG322, FM344, or FM600 Continuous Hinge (with or without CEPT, ETAP, EL, PoE, HT, Welded End Pin, Security Stud, or Tamper-proof Fastener options)	In-Swing or Out-Swing
	FM3500 or HG3505 Continuous Hinge (with or without CEPT, ETAP, EL, PoE, Welded End Pin, Security Stud, or Tamper-proof Fastener options)	In-Swing or Out-Swing
	FM300WT or HG305WT10 Wide Throw Continuous Hinge (with or without CEPT, ETAP, EL, PoE, HT, Welded End Pin, Security Stud, or Tamper-proof Fastener options)	In-Swing or Out-Swing
	FM/SC325, HG326, or HG329 Swing Clear Continuous Hinge (with or without HT, Welded End Pin, or Tamper-proof Fastener options)	In-Swing or Out-Swing
	FS301, FS302, HS303, HM304, HG306, or FS321 Continuous Hinge (with or without HT, Welded End Pin, or Tamper-proof Fastener option)	Out-Swing Only
	FS3501 or FS3502 Continuous Hinge (with or without Welded End Pin or Tamper-proof Fastener option)	Out-Swing Only
	FS/SC309, HG310, or HG311 Swing Clear Continuous Hinge (with or without HT, Welded End Pin, or Tamper-proof Fastener option)	Out-Swing Only



Experience a safer and more open world

			DIV OF ASSA ABLOY DOOR GROUP LLC	9159 TELECOM DRIVE	MII ANI TN 28250				SIDE-SWINGING DOOK ASSEMBLY WITH MULTI POINT LOCK HDW	FBC EIGHTH EDITION (2023) FLORIDA PRODUCT APPROVAL # 40296.8
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SHEET: 7 OF 9										

	LUSTRATED IN THIS DOCUMENT MEET REQUIREMENTS OF ICC 5		EMS CERTIFIED	FOR HURRICANE OR COMBINED HURRICANE AND TORNADO S	HELTERS	Ceco	
	SURE: ±227 PSF MISSILE CRITERIA: 15-LB LUMBER 2 X 4 @ CESSORIES	100 MPH				ASSA A	BLO
oor Closers			Seals				
Manufacturer	Model/Series	Notes	Manufacturer	Model/Series	Notes		
orbin Russwin	DC8000 Series	Thru-bolt mounting of body to door only		S77, S771, S771x6, S772, S773, S776, S776x6, HS2000, HS2000xS44,			
orton	7100SZ Series Closer/Holder or 7200 Series Closer/Holder	Threat side mounting only		HS2000xS88, 5110, P240, P241, P242, P243, P244, P260, P261, P262, P263, P264, P265, P266, P380, P381, P382, P384, P385, P386, P387,			
	7500 Series or 7700PT Series Closer/Holder	Thru-bolt mounting of body to door only		P388, P390, P391, P392, P393, P394, P396, P397, P398, P484, P490,			
rgent	281 Series, 351 EHT Closer/Holder, or 2409 Series Closer/Holder	Thru-bolt mounting of body to door only		P491, P493, or P497 (with _NB, _S, _PK, _V, _R, _Q, SSE, SSR, SSS, SSN,			
		Threat side mounting only Thru-bolt mounting of body to door only		SPK, _P, CN, or _N Suffixes) - Adhesive Applied Perimeter Seals 29045, 29344, 29346, 45041, 45061, 45100, 45137, 45175, 45250,			
-			Pemko	45400, 46062, 90041, 90062, 90100, 90137, 285, 290, 294, 296, 297,			
•				303, 305, 306, 309, 312, 315, 316, 319, 321, 322, 330, 332, 345, 350,			
lanufacturer	Model/Series	Notes		351, 375, 379, 2815, 2891, 2892, 2893, 2902, 2903, 3151, 3452, 18041, 18050, 18061, 18062, 18100, 18137, 18175, 18250, 18400, 28945,	Threat side mounting only	Experience a	
rton	5600 Series, 5700 Series, 6000 Series, or 6300 Series	Threat side mounting only Thru-bolt mounting of body to door only		29310, 29313, 29324, 29326, 293100, 335, 336, 368, 307, 308, 56, or 57		and more op	en w
				(with _NB, _S, _PK, _V, _R, _Q, SSE, SSR, SSS, SSN, _SPK, _P, CN, _N or _M Suffixes) - Screw Applied Perimeter Seals		· · ·	
		· · · · · · · · · · · · · · · · · · ·		346 Rain Drip	Threat side mounting only	S S	≥
anufacturer	Model/Series	Notes	Thursels (1)		sat side mounting only		🗄
son	9 Series - Mechanical Stop/Holder 980M, 990M, 991M, 996M, 997M, 998/998M, or 999M - Electromechanical	Thru-bolt mounting only	Thresholds	Madal/Carias	Nictor		- ž
raent	1560, 1561, or 1562 - Electromechanical	Thru-bolt mounting only	Manufacturer	Model/Series 173, 151, 270, 271, 272, 276, 573, 2715, 2716, 2748, 2749, 2750,	Notes	E C S	
-	491S or 494S - Mechanical			273x3, 273x4, 2746x6, or 274x4 (with or without _FG, _SS, or _SSFG Suffixes) - Saddle Thresholds	Floor Strike must be mounted directly to structural floor	RODU OR GROUP I DRIVE	T PROTECTIVE SYSTEM
				157, 158, 2727, or 766x5 (with or without _FG or _SS Suffixes) - Offset	Floor Strike must be mounted directly	「	ÊF
lanufacturer	Model/Series	Notes		Saddle Thresholds 273, 274, 278, 279, 2746, or 2755 (with or without _SS Suffix) - Half	to structural floor Floor Strike must be mounted directly	S88 C	E
ckwood	1700 or 2600 Series (with or without 2601 Brackets or 1100 Carry Open	Outswing only Inswing only	 Pemko	Saddle Thresholds	to structural floor Floor Strike must be mounted directly		T PRO
				766 Offset Half Saddle Threshold	to structural floor		AC
	Model/Series	Notos		2001, 2005, 2006, 2007, 2008, 2009, 2010, 2705, 273x224, 273x292, 2746x292, 274x224, 274x292, 278x224, 278x292, 279x224, or 279x292	Floor Strike must be mounted directly to structural floor		MI
lanulacturer		Notes		(with or without _FG, _FGT, _FGP, _FGPK,_FGV, _P, _PK, _R, _SSFG,			L L L L L L L L L L L L L L L L L L L
curitron				_STC, _T, or _V Suffixes) - Latching Panic Exit Saddle Thresholds			STE
oor Desition				18/1 or 14/1 - Plate Thresholds	Floor Strike must be mounted directly	\mathbf{O}_{32}^{SS}	CIAL STEEL DOOR ASSE
	Model/Series	Notes			to structural floor		020
		3/4" or 1" diameter hole in edge or top	Door Viewers	Model/Series	Nichor		COMMERC
curitron	DPS-M	of door and frame	Manufacturer	, ,	Notes	U U Z Z	
			Rockwood	620 or 622			
			Protection		· · ·		SIDE-SV
			Manufacturer	Model/Series	Notes	U O	<u>ت</u>
ESIGN PRESSURE: ±227 PSF MIS PTIONAL ACCESSORIES Manufacturer orbin Russwin DC8000 Series orton 7100SZ Series Closer/Hold 7500 Series or 7700PT Ser 281 Series, 351 EHT Close 2900 Series Closer/Holder ale 4400 Series Manufacturer orton 5600 Series, 5700 Series, 0 5800 Series Manufacturer orton 9 Series - Mechanical Stop, 980M, 990M, 991M, 996M, argent 1560, 1561, or 1562 - Elector pockwood 491S or 494S - Mechanical 000r Coordinators Manufacturer 576			Rockwood	K1050 Kick Plate	For fire rated assemblies must be screw applied		
					applied	06/2 06/2 3/22	
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GENERAL NOTES

- 1. THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH ICC 500-2020, ICC/NSSA STANDARD FOR THE DESIGN AND CONSTRUCTION OF STORM SHELTERS -CHAPTER 8 (TEST METHODS FOR IMPACT AND PRESSURE TESTING).
- 2. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM.
- 3. POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED PER SEPARATE ENGINEERING IN ACCORDANCE WITH THE GOVERNING CODE. DESIGN PRESSURE REQUIREMENTS AS DETERMINED IN ACCORDANCE WITH THE CURRENT EDITION OF ASCE 7 AND OF THE FLORIDA BUILDING CODE SHALL BE LESS THAN OR EQUAL TO THE POSITIVE OR NEGATIVE DESIGN PRESSURE CAPACITY VALUES LISTED HEREIN FOR ANY ASSEMBLY AS SHOWN.
- 4. DESIGN PRESSURES NOTED HEREIN ARE BASED ON MAXIMUM TESTED PRESSURES DIVIDED BY A 1.5 SAFETY FACTOR IN ACCORDANCE WITH ICC 500-2020 SECTIONS 805 & 806.
- 5. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
- 6. THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS IS OUTSIDE THE SCOPE OF THIS CERTIFICATION AND SHALL BE VERIFIED BY OTHERS. OPTIONAL WOOD BUCKS OR EMBEDMENT PLATES (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
- 7. HARDWARE SHALL BE INSTALLED PER MANUFACTURERS' INSTRUCTIONS.
- 8. ALL BOLTS AND WASHERS (EXCLUDING INSTALLATION ANCHORS) SHALL BE ZINC COATED STEEL, GALVANIZED STEEL, OR STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60 KSI, U.O.N.
- 9. ALL DISSIMILAR MATERIALS SHALL BE PAINTED, PLATED, OR OTHERWISE PROTECTED FROM CORROSION. ALL WOOD SHALL BE PROTECTED FROM EXPOSURE AND FROM CONTACT WITH DISSIMLAR MATERIALS.
- 10. COMPONENTS AND ACCESSORIES DESCRIBED HEREIN ARE PRESCRIPTIVE AND MAY NOT BE SUBSTITUTED IN ACCORDANCE WITH ICC 500-2020.
- 11. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATION ARE INTENDED.
- 12. ALTERATIONS, ADDITIONS, HIGHLIGHTING, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.
- 13. DOOR AND FRAME SHALL BE PERMANENTLY LABELED PER UL GUIDELINES CATEGORY ZHLL PRODUCT FOR USE IN WINDSTORM RATED ASSEMBLIES - ZHLL, Guideinfo.

ADDITIONAL FRAME INFORMATION

- 1. BUILDING WALLS MUST BE DESIGNED TO SUPPORT AND SUSTAIN LOADS DEVELOPED BY THE DOOR AND FRAME ASSEMBLY AND TRANSFER LOADS TO THE BUILDING STRUCTURE.
- 2. ROUGH OPENING MATERIAL, BY OTHERS, MUST BE INSTALLED PROPERLY TO TRANSFER LOADS TO THE BUILDING STRUCTURE.
- 3. ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
- 4. ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN IN THE TABLE FOR EACH GROUP OF PRODUCTS.
- ANCHOR TYPES MAY BE MIXED WITHIN THE ASSEMBLY, BUT EACH INDIVIDUAL FRAME MEMBER MAY ONLY USE ONE TYPE OF ANCHOR.
- 6. IT IS RECOMMENDED THAT THE GAUGE OF THE FRAME BE EQUAL TO OR GREATER THAN THAT OF THE DOOR.

