

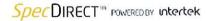
LISTING INFORMATION OF

McKEON SafeSpace™ SS500X Series Tornado & Hurricane Resistant Door

SPEC ID: 67952

McKEON 44 Sawgrass Drive Bellport, NY 11713 United States

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LISTING INFORMATION

McKEON SafeSpace™ SS500X Series Tornado & Hurricane Resistant Door

These ICC 500 ratings are for wind pressure and impact resistance only. Fire resistance, when required by Section 601 of ICC 500-2020, is outside the scope of this listing. Assemblies required to be fire-resistance-rated shall also bear the label of a separate fire listing to the applicable standard(s).

ICC-500-2020 STORM SHELTER RATINGS^{a, b}

Assembly Type	Permitted Size	Design Pressure	Impact Rating
Rolling Tornado Shelter Door	Min: 2'- 9-1/2" wide 3'- 6" high Max: 20'-3-1/2" wide 18'-0" high	Tornado Design Pressure +252/-252 psf	15 lb @ 100 mph
Rolling Hurricane Shelter Door	Min: 2'- 9-1/2" wide 3'- 6" high Max: 20'-3-1/2" wide 18'-0" high	Hurricane Design Pressure +201 / -201 psf	15 lb @ 100 mph

^aWidth is tip to tip of support guide angles

HURRICANE GLAZED OPENING PROTECTION RATINGS^{a, b}

Test Standards	Maximum Size	Design Pressure	Impact Rating
TAS 201			
TAS 202	201.2.4/211.4446		
TAS 203	20'-3-1/2" wide	+120 / -120 psf	9 lb @ 80 ft/sec
DASMA 108	18'-0" high	*	
DASMA 115			

^aWidth is tip to tip of support guide angles

FORCED ENTRY RESISTANCE RATING^{a, b}

Test Standard	Maximum Size	Rating
ASTM F3038	20'-3-1/2" wide 18'-0" high	60 Minutes

^aWidth is tip to tip of support guide angles

^bAssemblies must be installed on the interior (protected) surface of the shelter wall with the barrel assembly protected.

^bAssemblies must be installed on the interior surface of the exterior envelope

^bAssemblies must be installed on the protected (non-attack) face of the supporting wall

BULLET RESISTANCE RATING^a

Test Standard	Rating	
UL 752 (11 th Edition)	Level 1	

^aAssemblies must be installed on the protected (non-attack) face of the supporting wall

CODE COMPLIANCE RESEARCH REPORT

Evaluation Method	Building Code	CCRR Number	
ICC 500 DASMA 108 and 115 TAS 201, 202, and 203	2021, 2018 IBC 2023, 2020 FBC	CCRR-0500	

INSTALLATION LIMITATIONS

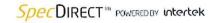
When mounted to steel supporting structure, Mounting Angles are anchored with minimum 5/8" diameter A325 bolts spaced maximum 12 inches on-center. Structural adequacy of steel supporting structure is to be determined by others and is not evaluated as part of this Listing.

When mounted to concrete supporting structure, Mounting Angles are anchored with 5/8" diameter Simpson Strong-Bolt 2 wedge anchors spaced maximum 12 inches on-center. The tested condition utilized 4000-psi strength concrete, an embedment length of 5-1/8 inches and an edge distance to the opening of 7-1/2 inches. Adequacy of concrete supporting structure is to be determined by others and is not evaluated as part of this Listing.

Alternate anchoring to supporting structure that maintains the maximum spacing of 12 inches on-center is to be designed by a registered design professional for pull-out and shear to resist the wind loads in accordance with ICC 500-2020 Section 304.

Installation shall follow these listing procedures and the manufacturer's instructions provided with each assembly. In the event of a conflict, these listing procedures govern.

Attribute	Value
Certificate Date of Expiry	December 31, 2024
Certificate Date of Initial	February 20, 2023
Registration	
Certificate Number	WHI23-20384313
Code Reports	Yes
Criteria	TAS 201 (1994)
Criteria	TAS 202 (1994)
Criteria	TAS 203 (1994)
Criteria	UL 752 (2005) Ed: 11 (2015)
Criteria	ICC 500 (2020)
Criteria	FEMA P-361 (2021) Ed.4
Criteria	ASTM F3038 (2021)
Criteria	ANSI / DASMA 115:2017



Criteria

ANSI / DASMA 108:2017

CSI Code

08 34 00 Special Function Doors

Intertek Services

Certification

Issue Status

2

Listed or Inspected

LISTED

Listing Section

WIND LOAD RESISTANT DOORS

Report Number

G104981218, N0127, G105275605, G105244992, P6734, Q8598,

G105738796

Spec ID

67952

Test Original Issue Date

May 9, 2022

Verification Testing

No

Windload/Structural

Storm Shelter

Windload/Structural

Tornado Resistance