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LISTING INFORMATION OF

McKEON SafeSpace™ SS500X Series Tornado & Hurricane Resistant Door

SPEC ID: 67952

McKEON
44 Sawgrass Drive
Bellport, NY 11713
United States

LISTING INFORMATION

McKEON SafeSpace™ SS500X Series Tornado & Hurricane Resistant Door

This listing is 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

[a]Width is tip to tip of support guide angles

[b]Assemblies must be installed on the interior (protected) surface of the shelter wall with the barrel assembly protected.

HURRICANE GLAZED OPENING PROTECTION RATINGS[a, b]

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

[a]Width is tip to tip of support guide angles

[b]Assemblies must be installed on the interior surface of the exterior envelope

FORCED ENTRY RESISTANCE RATING[a, b]

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

[a]Width is tip to tip of support guide angles

[b]Assemblies 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, 2023
Certificate Date of Initial Registration	February 20, 2023
Certificate Number	WHI23-20384313
Code Reports	Yes
Criteria	TAS 201 (1994)
Criteria	TAS 202 (1994)
Criteria	TAS 203 (1994)
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	1
Listed or Inspected	LISTED
Listing Section	WIND LOAD RESISTANT DOORS

Report Number	G104981218, N0127, G105275605, G105244992, P6734
Spec ID	67952
Test Original Issue Date	May 9, 2022
Verification Testing	No
Windload/Structural	Storm Shelter
Windload/Structural	Tornado Resistance