



FEMA & Wind Rated Door Systems



SafeSpace™ 500 Series

FEMA 361 Certified & ICC 500 Compliant

ICC has adopted FEMA criteria for the design and construction of a safe room that provides near-absolute protection for occupants from wind and wind-borne debris. With SafeSpace 500, safe rooms and storm shelters can be constructed to FEMA 361 (3rd & 4th Editions) and ICC 500 (2014 & 2020) Standards without sacrificing natural light and multi-purpose use. Utilizing McKEON's wide span engineering capabilities, this technology will not restrict either the size or the number of openings that may be protected.

Product Features

Ratings

Tornado Resistance: +252 / -252 PSF

Tornado Impact: 100 MPH 15 lbs.

Hurricane Resistance: +201 / -201 PSF

Hurricane Impact: 100 MPH 9 - 15 lbs.

Large Missile Impact. Withstand a large missile impact in accordance with ASTM E1886 for FEMA 361 assemblies

Optional Fire & Smoke Rating. SafeSpace 500F and 500F-IS (insulated design for thermal protection) available with up to a 3-hour UL10B fire rating and UL1784 smoke rating when required*

*Listed under the Canadian equivalent CAN/ULC S104

Code Compliance

ICC 500 (2014 & 2020) ICC 500/NSSA Standard for the Design & Construction of Storm Shelters

FEMA 361 (3rd & 4th Editions) FEMA Standard for the Design and Construction of Safe Rooms for Tornadoes and Hurricanes

CCRR-0500 Tornado & Hurricane Resistant Doors

FL42318 Florida Product Approval (SS500X)

Operation

Power motor operation

Size SS500, SS500F and SS500F-IS

Widths 4'-4" to 16'-4"; heights from 4'-0" to 18'-0"

Size SS500X

Widths 2'-9 1/2" to 20'-3 1/2"; heights from 3'-6" to 18'-0"

Finishes

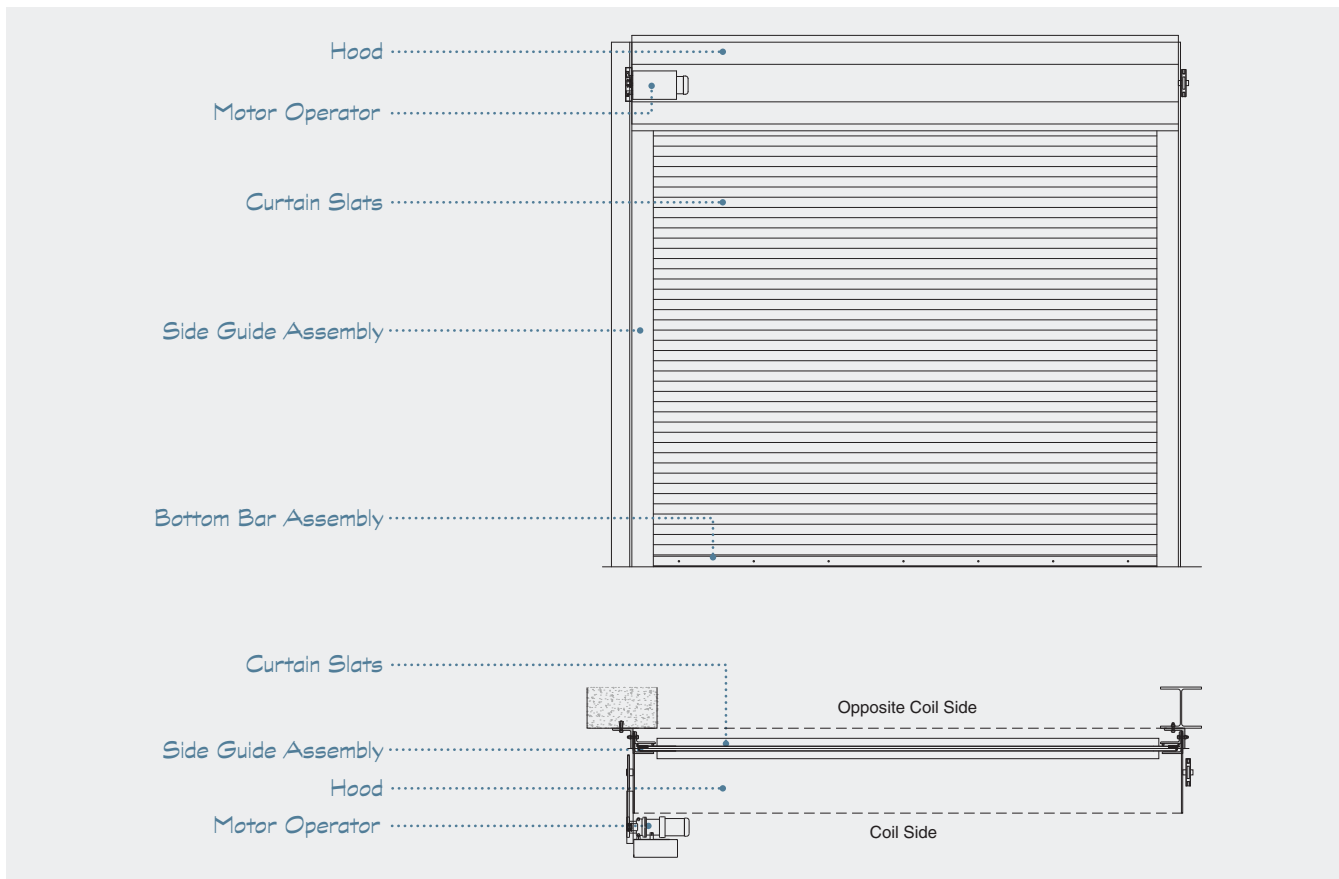
McKEON sterling gray

Powder coat of color as selected

This technology is the subject of US Patent No. 8,453,707, 10,794,112 and 11,566,467; and has additional patents pending.

SS500

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MODEL	OPEN/CLOSE	FUNCTION
Model 500	Power Operator	Vertical coiling door for use in tornado and hurricane safe rooms and storm shelters. Steel slat construction.
Model 500F	Power Operator	3-hour fire rated vertical coiling door for use in tornado and hurricane safe rooms and storm shelters. Steel slat construction.
Model 500F-IS	Power Operator	3-hour fire rated vertical coiling insulated door for use in tornado and hurricane safe rooms and storm shelters. Steel slat construction.
Model 500X	Power Operated	Vertical coiling door for use in tornado and hurricane safe rooms and storm shelters. Lightweight alloy slat construction.



44 Sawgrass Drive, Bellport, NY 11713 | 800.266.9392 | www.McKeonDoor.com | Info@McKeonDoor.com