

STEELCRAFT® PALADIN™ DOORS

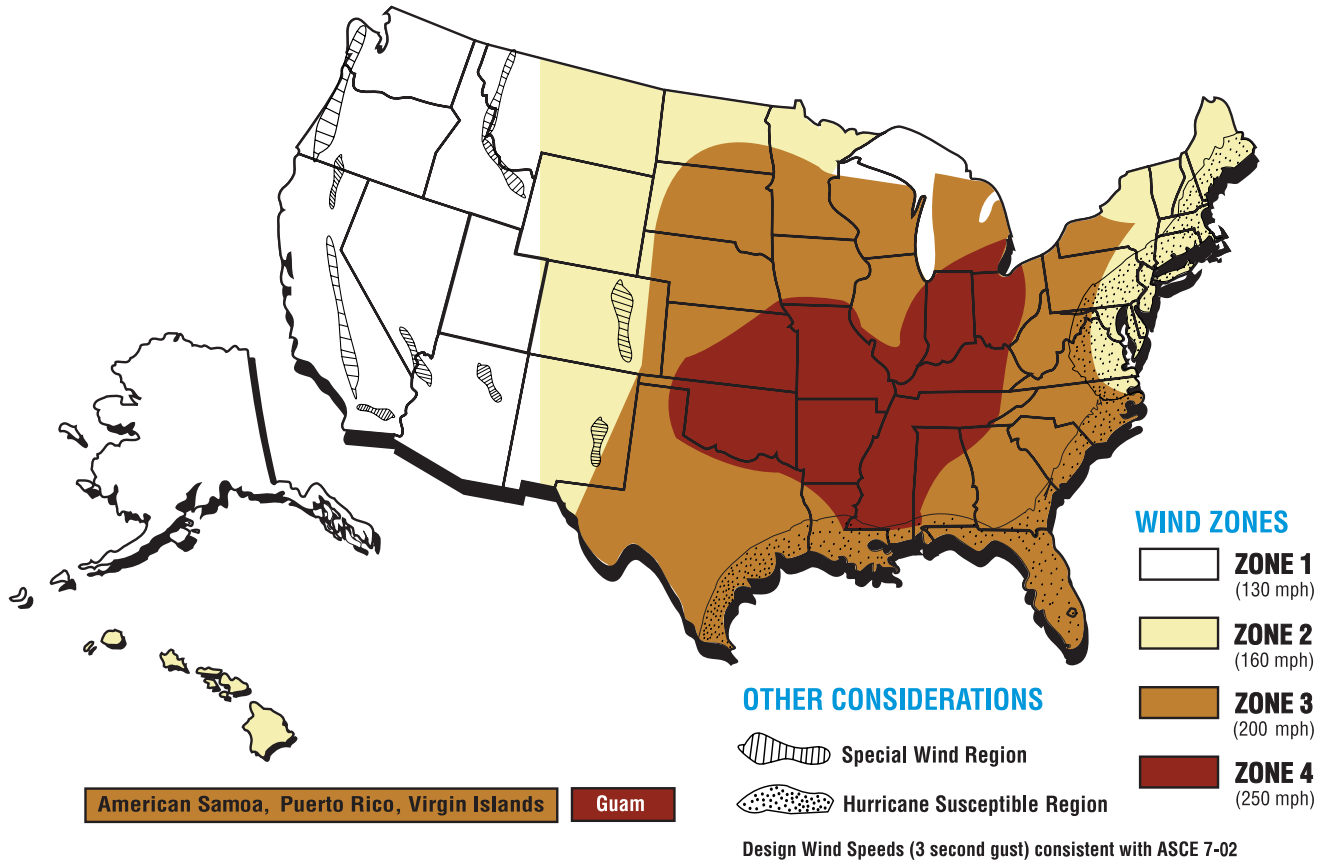
Proven Life Safety Solutions For Tornado Protection



STEELCRAFT® PALADIN™ DOORS

Many areas of the United States are subject to extreme wind-load conditions from tornados. The past decade alone has brought record-breaking numbers of destructive tornados across the central and southern part of the country. Although these regions are the more likely geographic areas to experience tornados, they can occur anywhere – every state in the U.S. has experienced a tornado.

WIND ZONES IN THE UNITED STATES



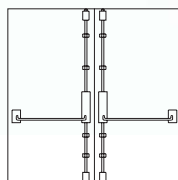
Public awareness and compliant building construction are the best protection in preventing disaster and saving lives in severe storms. Wind-borne debris from tornados can become deadly and destructive flying objects. Steelcraft Paladin Doors have been tested and approved to withstand extreme wind-load and flying missile impact. Unique engineered designs combined with the durability of superior corrosive resistant steel make Steelcraft Paladin Doors an excellent solution to added building protection from severe weather. The Paladin Door System has been designed and tested to address the requirements of FEMA 361 & 320 guidelines to protect the general public from the extreme effects of tornados.

Features & Benefits of Paladin Doors:

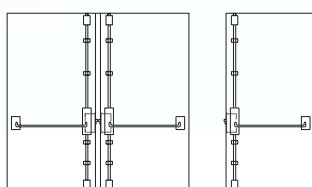
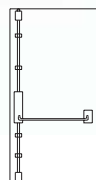
- A60 galvanized steel for superior corrosion resistance** on exterior openings
- Full height lock side reinforcement channel** ensures structural stability and locking hardware functionality under extreme pressure conditions.
- Doors shall have continuous vertical mechanical interlocking joints** at lock and hinge edges with edge seams welded, filled and ground smooth.
- Patented universal hinge preparations** allow for easy field conversion from standard weight hinges to heavy weight hinges.
- 14 gage top and bottom channels** provide stability and protection for the top and bottom edges from abuse.
- Beveled hinge and lock edges** allow for tighter tolerances, ensure easier operation, and eliminate binding and sticking.
- Factory applied baked on rust inhibiting primer** in accordance with ANSI A250.10.



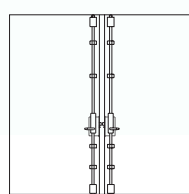
Paladin Doors offer a range of specifiable options including the following applications with approved hardware:



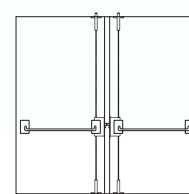
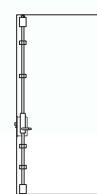
Pair of doors without mullion or astragal, and single door, equipped with surface applied exit device



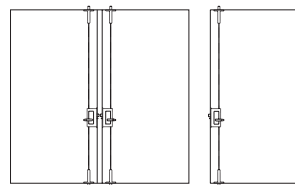
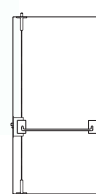
Pair of doors with fixed or removable mullion, and single door, equipped with surface applied exit device



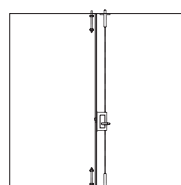
Pair of doors with fixed or removable mullion, and single door, equipped with surface applied automatic multi-point deadlock



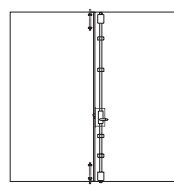
Pair of doors with fixed or removable mullion, and single door, equipped with concealed exit device



Pair of doors with fixed or removable mullion, and single door, equipped with concealed automatic multi-point deadlock



Pair of doors equipped with concealed automatic or multi-point deadlock on active leaf, and surface bolts on inactive leaf with Z-astragal



Pair of doors equipped with surface applied automatic or multi-point deadlock on active leaf, and surface bolts on inactive leaf with Z-astragal

Product Information

Opening Size 3'0" X 7'0" Max Single Swing Opening Size
6'0" X 7'0" Max Paired Opening Size

Frame Die-mitered knock-down or welded frame corners

Anchoring Masonry or existing masonry, weld-in steel-stud or wood-stud anchors

Fire Rating UL listed up to 3hrs depending upon hardware configuration

Certification Tested per FEMA 320 and 361
Door and frame construction for Paladin Doors meet the requirements of ANSI A250.8-1998.
Hardware preparations and reinforcements are in accordance with ANSI A250.6-1997.
Locations are in accordance with ANSI/DHI A115.

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Visit Steelcraft on the web
www.steelcraft.com



STEELCRAFT

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