

StormPro™

Storm Shelter Opening Solutions

ASSA ABLOY
Opening Solutions

A white door with a vertical window and a handle, set against a dramatic stormy sky with a rainbow. The door is positioned on the left side of the frame, and the background is a vast, open field under a dark, stormy sky with a rainbow arching across it.

Strong in the Storm

Dangerous weather can strike at any time

StormPro stands up to the strongest storms

Quick facts

- Every year, about 1,200 tornadoes are reported across the United States, resulting in approximately 80 deaths and over 1,500 injuries
- In 2022, tornadoes resulted in approximately \$708 million dollars worth of damage across the United States. This was an increase of more than 200 percent in comparison to the previous year
- Tornadoes strike with little warning (20 minutes on average)
- Since 1980, hurricanes have caused more than \$1.3 trillion in damage (\$22.8 billion per event) and almost 7,000 deaths

Up to the code, up to the challenge

In May 2011, a tornado struck down on the southern Missouri city of Joplin, killing 161 people and causing \$2 billion in damage.

Four years earlier, a tornado made a direct strike on a high school in Enterprise, Alabama, killing eight students.

These tornadoes, and others like them, sparked considerable action by municipalities, states and the federal government to ensure the safety of students. For example, the model building codes of the United States have adopted mandatory requirements for storm shelters in schools.

Since 2015, a majority of states – especially those in “tornado alley” – require storm shelters in K-12 and emergency centers as part of their building codes.

The requirements behind the codes are aggressive, and many door manufacturers have difficulty meeting them. In fact, some are still testing in order to comply with the newer code requirements.

With its StormPro line, ASSA ABLOY meets all relevant building codes, producing the strongest, safest and most reliable storm shelter doors in the industry for a wide range of applications.

- Schools (K-12 and Universities)
- Worship and Community Centers
- Healthcare and Government Facilities
- Community Shelters and Safe Houses
- 911 Call Stations and Emergency Operations Centers
- Fire Rescue, Ambulance and Police Stations
- Data Centers
- Distribution Centers and Warehouses

StormPro solutions are a careful balance of security and safety, addressing all code requirements and tested to resist the damage associated with the strongest storms.



StormPro solutions stand up to storms and stand out from the competition:

Code Requirements

Meets all tornado and hurricane shelter design requirements:

- Certified to the 2014 and 2020 ICC 500 requirements to meet the latest building code
- FEMA P-361 (2015 and 2021) guideline requirements

Ultimate Security and Safety

- The extra heavy duty StormPro assemblies help fortify the opening to withstand extreme wind speeds and flying debris during tornado and hurricane events
- Firmly secures the door within the frame – at the top, bottom, and in some cases center latch points – with sturdy, heavy-duty steel components
- Provides additional security with optional access control and monitoring features

Ultimate flexibility

- Hardware used in these life-safety systems are engineered to provide a full range of mechanical and electromechanical functions and options
- Easily and cost-effectively integrates into existing infrastructures available with wireless, eco-friendly access control options
- Match any design aesthetic with a wide variety of decorative levers and trim combinations
- Seamlessly integrate with a variety of keying formats to accommodate an existing master key system



Ideal for storm shelters and building openings, StormPro solutions are proven to protect against wind-borne debris – at speeds even greater than the strongest storm can muster.

Navigating the evolving standards for storm shelter opening systems, StormPro leads the way

The landscape of storm shelter building codes is constantly evolving, with the latest editions of the Standard for the Design and Construction of Storm Shelters (ICC 500) and the International Building Code (IBC) introducing new and updated requirements. One of the primary goals of StormPro is to continually ensure certification with compliance to the latest edition of the life safety standard ICC 500. Many states have adopted the newest edition of the building codes, with some still referencing earlier editions, which is why StormPro will also continue to show compliance with prior editions of ICC 500.

Here's where ASSA ABLOY and StormPro steps in as a leader:



Meeting all industry demands:

Recognizing the diverse needs of architects and designers, ASSA ABLOY has secured a UL listing for its StormPro products under both the 2014 and 2020 editions of ICC 500. This ensures compliance with both the 2018 and 2021 IBC requirements, eliminating concerns and streamlining the specification process, while also reducing or eliminating queries when designing storm shelters.



Staying ahead of the curve:

We understand the future is now regarding storm shelters and safety, which is why StormPro products are gaining approval under the recently released ICC 500-2023 standard (as referenced in the 2024 building codes), demonstrating our commitment to exceed industry expectations.



Solidifying ASSA ABLOY's position:

StormPro was the first manufacturer to obtain Florida Building Code (FBC) approval under (FL#40296), solidifying StormPro's position as a leader in storm shelter innovation.



StormPro - leading the charge with innovation and compliance

StormPro isn't just a name, it's a promise. A promise to deliver cutting-edge solutions that empower you to exceed expectations and stay ahead of the curve. But what differentiates ASSA ABLOY from the competition?



Replaceable Vision Light Kits

- Certified 10" x 10" and 4" x 25" available kits, both are 90 minute fire rated
- Patent # 11692388



Safe-side Operator

Door operator (Norton Rixson 5800) approved for use on the protected side of the storm shelter

- For use with Sargent and Corbin Russwin Next Generation Exit Devices utilizing electronic latch retraction
- Multi-point locking hardware, as well as SVR exit device options



StormPro Shutters:

- Single and Paired shutters approved to ICC 500-2020
- [Ceco Door StormPro Shutters](#)
- [CURRIES StormPro Shutters](#)

ASSA ABLOY was the first in the industry to have a comprehensive maintenance manual with links to all components used within the listed assemblies



CLICK OR SCAN

Storm Shelter Inspections

Inspections conducted by ASSA ABLOY Professional Services team for storm shelter openings that contain StormPro systems



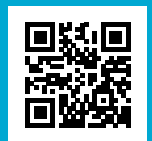
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Weather-resistant opening solutions

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Learn more about our Windstorm Solutions



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The ASSA ABLOY Group is the global leader in access solutions. Every day we help people feel safe, secure, and experience a more open world.

ASSA ABLOY
Opening Solutions

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, mechanical and smart locks, access control and service.

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