

Survivalite Impact Window Systems presents

The Citadel Storefront System

Introducing Survivalite's next-generation FEMA 361 storefront system. Larger window and doors to let in more light. Full thermal breaks to permit installation in colder climates. Best of all, a storefront that meets ICC 500 hurricane shelter requirements for 210 mph wind loads on windows and doors. Keep storms and other threats outside with the Citadel storefront system.

Category 5 Hurricane & Forced Entry Protection



Marriott Cadillac Hotel
Miami Beach, Florida

FEMA 361 EF-5 Tornado and Forced Entry Protection



St. Charles Emergency Ops Center
St. Charles Parish, Louisiana

A Unique Window Design

- Installs from the inside, with no scaffolding required—ideal for retrofit projects
- Uses dry seal instead of caulk—replacing glass was never easier
- Framing provides over 1 inch of frame “bite” on glazing
- Has up to 3.5 lb of aluminum per running foot of frame
- Incorporates multiple sizes of Saf-Glas’ patented glazing
- Protects against “smash and grab” threats until law enforcement officers arrive
- Accommodates steel reinforcement within frames
- Functions as either a window, storefront or curtain wall
- Self adjusts for out-of-square openings
- Hurricane windows install from inside without scaffolding or swing stages; tornado window attach like conventional windows—no added brackets required
- Available with insulated glazing and thermal break

FEMA 361 EF-5 Compliant Windows

- Withstands storm-generated vacuum—held negative 300 PSF at 250 mph (nearly 7 tons) for 10 seconds
- Withstands storm debris—survived four impacts by a 15-lb 2-by-4 projectile traveling 100 mph
- No flying debris inside

Current Window Applications

- Camp LeJeune FEMA shelter (requires tornado, hurricane and explosion protection)
- St. Charles Emergency Operations Center, Louisiana (requires tornado, hurricane, and level IV ballistic protection)
- Multiple FEMA shelters in Missouri and Iowa

A Unique Door Design

- Full 6-by-8 foot opening with no center mullion
- Two glazed leaves—over 35 square feet of daylight
- Secured with proprietary 2-point locking system—no thumb latch required
- Adams Rite panic bar opens all latches—fully compliant with emergency fire exit requirements
- Patented ¾-in glazing provided by Saf-Glas
- Has the look, feel and color options of a standard aluminum commercial door system
- Upgrade options include explosion protection and up to Level IV ballistics resistance

FEMA 361 EF-5 Compliant Doors

- Only aluminum door to pass FEMA EF-5 and FEMA 210 mph hurricane shelter requirements
- Held ± 300 PSF for 10 seconds—minimal permanent offset (equivalent to 8 tons of pressure)
- Impacted 6 times with 15-lb 2-by-4 traveling over 100 mph
- No flying debris inside
- Passed full 210 mph hurricane shelter requirement with 9,000 pressure cycles

Current Door Applications

- FEMA and hurricane shelter, Woodsboro, Texas

For more information, visit www.survivalite.com or call us at (727) 453-8019