



Now Fully Tested per ICC 500-2014

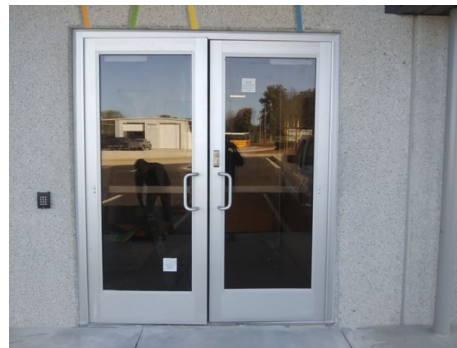
FEMA SHELTER COMPLIANT PER ICC-500/FEMA 361				
CITADEL PRODUCTS 5000 SERIES WINDOW				
Threat	Threshold Level	Requirements	Testing Protocol	Results
Tornado	EF-5 Tornado	Structural Design Pressure @ ± 250 psf	ASTM E 330	Pass
		Structural Test Pressure @ $1.2(250) = \pm 300$ psf	ASTM E 330	Pass
		Large Missile Impacts 15# @ 100 mph	ASTM 1886	Pass
Air Infiltration	6.24 PSF	.039 cfm/sq.ft.	ASTM E 331-04	Pass
Water Infiltration	37.5 PSF	15 min. Duration	ASTM E 332-00	Pass
Forced Entry	300 lbs.	300 lb. point load @ specified locations	AAMA 1304	Pass

* Category 5 hurricanes start above 156 mph (meets new standard for FEMA hurricane shelter)

**Actual Impacts 15# @ 100 mph

Door Features

- < Double doors up to 8 ft. X 8 ft.
- < Single doors down to 3 ft. X 7 ft.
- < Panic Bar activates **ALL** latches
- < ADA threshold: 1/2 inch
- < Compatible with electronic latches, openers and closers
- < No center mullion
- < Transparent glazing (74% VLT) provided by SAF-GLAS



Door Design

- < Rough opening up to 100" X 100"
- < 7" deep receptor frame
- < 6065-T6 alloy and temper
- < Shipped fully assembled ready for installation
- < Anodized or painted finishes
- < Door anchoring requirements by certified PE

DESIGNED FOR SURVIVAL

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