

QuickGuard® Storm Panels

DADE COUNTY PA201-94 LARGE MISSILE IMPACT TEST



Large Missile Impact Test Dade County (PA201-94)

PURPOSE:

This test method covers the evaluation of the resistance to windborne debris for a particular product used to maintain the envelope of a building.

RESULTS:

QuickGuard® Hurricane/Storm Panel Size (53" x 87 1/2") Frame (Specimen) without Vertical or Horizontal Support was impacted with a 9 lb. (2 x 4) missile traveling at 52 Feet Per Second exceeding the Dade County 50 Feet Per Second Minimum Requirements with No Failure.

Illustration No's 1-4

DADE COUNTY PA202-94 STRUCTURAL TEST



PURPOSE:

This test method covers the evaluation of uniform static air pressure test for an external component which helps maintain the integrity of the building envelope.

RESULTS:

QuickGuard® Hurricane/Storm Panel Size (53" x 87 1/2"), has been tested without component failure to a uniform static air pressure of 75 PSF in both positive and negative directions, which is equivalent to a basic wind velocity of 171MPH (basic velocity pressure $P_v=0.00256V^2$), with no Disengagement of any fasteners, screws, latches, aluminum frame, or the triple wall polycarbonate clear panel.

See Illustration No's 5 & 6

COMPARISON

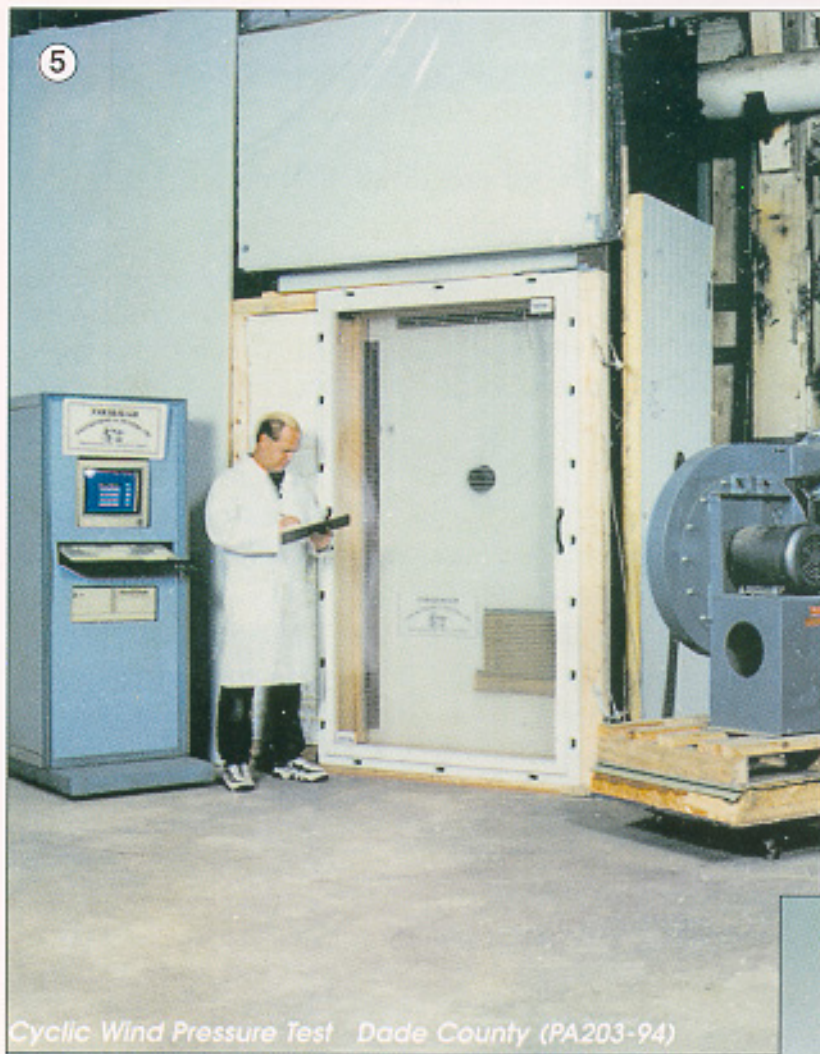


Steel Panel After Impact
Extensive Failure



QuickGuard® Polycarbonate Panel After Impact
No Failure

DADE COUNTY PA203-94 CYCLIC WIND PRESSURE TEST



Cyclic Wind Pressure Test Dade County (PA203-94)

Positive (Imploding) Pressure

RESULTS:

QuickGuard® (Hurricane Storm Panel Size (53" x 87 1/2") Frame (Specimen) has been tested without failure to a Velocity Pressure of **65 Pounds Per Square Feet** which is equivalent to a basic wind velocity of **159 Miles Per Hour** for both Positive and Negative Wind Load. Velocity Pressure ($PV=0.00256V^2$).

Illustration No's 5 & 6

NOTE: Appropriate coefficients shall be applied to governing code.

QuickGuard® has been tested to Dade County Requirements by a Dade County Approved Testing Laboratory listed below:

*Farabaugh Engineering and Testing Inc.
Keystone Commons,
515 Braddock Avenue,
Turtle Creek, Pennsylvania.*

A copy of the test results from the testing Laboratory are available upon request if required.



Cyclic Wind Pressure Test Dade County (PA203-94)

Negative (Exploding) Pressure

QuickGuard® storm Panels Patent Pending

1688 Church Street
Holbrook, NY 11741
(516) 563-4883
(516) 563-6668 FAX

For Additional Information, Write, Visit, or Call.

Exclusive Distributor: