

Crimsafe Products tested and Design Pressures

Safe-S-Cape:

Size tested:	55" wide by 85" high (4' 7" x 7' 1")
Design Pressure:	±75.0 psf with a 1.5 greater structural overload ±112.5 psf
Florida Building Code:	FL13259
Miami Dade County NOA:	NOA 09-1005.03

Fixed Build-Out:

Size tested:	53" wide by 85" high (4' 5" x 7' 1")
Design Pressure:	±75.0 psf with a 1.5 greater structural overload ±112.5 psf
Florida Building Code:	FL#13779
Miami Dade County NOA:	NOA 10-0504.04

Patio Enclosure:

Size tested:	187" wide by 144" high (15' 7" x 12')
Single Panel Size:	61" wide by 96" high (5' 1" x 8' 0-3/8")
Design Pressure:	±50.0 psf with a 1.5 greater structural overload ±75.0 psf
Florida Building Code:	FL#13770
Miami Dade County NOA:	NOA 10-0706.04

Note: 2" x 6" x 1/4" vertical mullions, 2" x 1" x 1/8" horizontal mullions. One side was not secured for unlimited length. A single specimen was tested with horizontal midrail.

Hinge Door with top and bottom patio bolts for hurricane areas:

Size tested:	42" wide by 81" high (3' 6" x 6' 9") / 42" wide by 96" high (3' 6" x 8' 0")
Design Pressure:	±50.0 psf with a 1.5 greater structural overload ±75.0 psf
Florida Building Code:	FL#13771
Miami Dade County NOA:	NOA 10-0706.05

Note: 1 unit tested with a midrail, 4 units tested with full screen

Miami Dade County test protocols

TAS 201-94: *Impact Test Procedures (Large missile impact)*

TAS 202-94: *Criteria for testing Impact and None Impact Resistant Building Envelope Components Using Uniform Static Air Pressure Loading (Structural loads \pm)*

TAS 203-94: *Criteria for Testing Products Subject to Cyclic Wind Pressure Loading (Cyclic load testing \pm)*

Florida Building Code test protocols

ASTM E 1886-05: *Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors and Storm Shutters Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials*

ASTM E 1996-05: *Standard Specification for Performance of Exterior Windows, Glazed Curtain Walls, Doors and Storm Shutters Impacted by Wind Borne Debris in Hurricanes*

AST M E 330-02: *Test Method for Structural Performance of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference*

AAMA 1304-02: *Voluntary Specification for Forced Entry Resistance of Side-Hinged Door Systems*