

## APPROVALS & LIMITATIONS

The Arch Resistor Impact Series Systems, have all been tested and meet the International Building Code (I.B.C.), Miami-Dade County, FL and Florida Building Code (FBC) protocols for hurricane wind-borne debris missile resistance.

If you are designing, specifying or installing products that are required to comply with the Hurricane-Resistant/Impact Glass Codes in your area, you should make sure that each product and all its components have been tested as a "SYSTEM" (GLASS & ALUMINUM) which meets the applicable code requirements.

### THINGS TO LOOK FOR:

- Tested System
- Size Limitation
- Product Approval Requirement
- Design Wind Loads
- Stamped Engineering Calculations
- Anchorage
- Shop Drawings

For Product Specifications And Up-To-Date Details Visit Our Website:

[www.hurricanecodes.com](http://www.hurricanecodes.com)

#### Arch Headquarters:

10200 NW 67th St.  
Tamarac, FL 33321  
800-432-8132

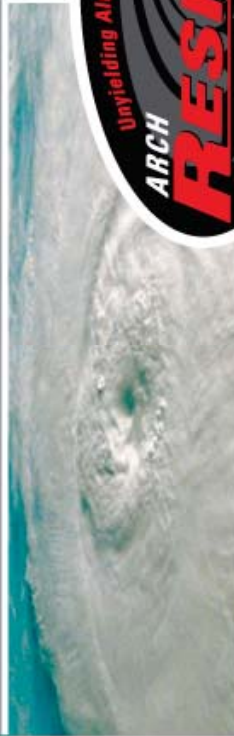
#### Regional Arch Resistor Offices:

Houston, TX: 800-348-0282  
Dallas, TX: 800-683-7883  
Jackson, MS: 800-815-6658  
Youngville, NC: 800-830-2044  
Bridgeport, NJ: 800-237-5148  
Villa Rica, GA: 800-241-7462  
Orlando, FL: 800-367-7211



Arch Aluminum & Glass Co., Inc.  
Manufacturers of America's Architectural Products

PROTECT YOUR PROPERTY WITH



IMPACT STOREFRONT SYSTEMS



PROTECTING THOSE WHO PROTECT US

PROTECTING PROPERTY FOR OVER 15 YEARS



## PRODUCT DESCRIPTION

The Arch Resistor Impact Series is constructed of impact resistant glass and impact resistant framing, in response to the code requirements in areas vulnerable to hurricanes.

Aluminum framing and entrance doors are used to provide attractive and serviceable entryways to buildings, schools, institutions, hotels, restaurants and office buildings.

### IMPACT WALL SYSTEMS AVAILABLE

- Medium Stile Impact Door 3000
- Magnum Stile Impact Door
- Impact Wall 3000 Storefront
- PBS 383 Curtain Wall
- Impact/Insulated 3100 Storefront
- IFG 5000 Impact Flush Glaze
- IBSS Unitized Curtain Wall

### SIZE

Arch Aluminum Doors and Entrances are available in many sizes (see product approval) and can be customized for any project.

### LIMITATIONS

Impact framing along with Impact door and frame systems are intended for applications where perimeter of openings, (head, jamb, and sill), must be designed and constructed so that they are able to properly receive fasteners and imposed loads from the system.

### TESTING CRITERIA & STANDARDS

- ASTM E1886/E1996 For Large Missile Impact Resistance
- E331 For Water Infiltration
- ASTM E330-96-97 Structural
- ASTM E547 & AAMA 1303.5 For Forced Entry
- ASTM E283 For Air Infiltration

### FLORIDA BUILDING CODE

- TAS-201-02 Impact Test
- TAS-202-02 Static Air Pressure
- TAS-203-02 Cyclic Testing

## RESISTOR IMPACT SERIES SYSTEMS

- Over 15 Miami-Dade NOAs & Florida State Product Approvals
- One of the first commercial storefront system tested in Miami-Dade
- Impact Entrances, Storefront, Curtain Wall & Specialty Framing
- Large & Small Missile Tested.
- Tested with 7/16" & 9/16" Laminated and 1-5/16" Insulated Laminated

Know your codes, check the specifications, review the drawings and make sure you're providing the right Glass & Aluminum Tested System for your area.

**WE KNOW THE CODES, WE HAVE THE SYSTEMS, AND LIVE IN THE EYE OF THE STORM.**



CATEGORY	WINDS	STORM SURGE	DAMAGE
1	74 - 95 mph	4 - 5 ft	Minimal
2	96 - 110 mph	6 - 8 ft	Moderate
3	111 - 130 mph	9 - 12 ft	Extensive
4	131 - 155 mph	13 - 18 ft	Extreme
5	155 mph+	18 ft+	Catastrophic