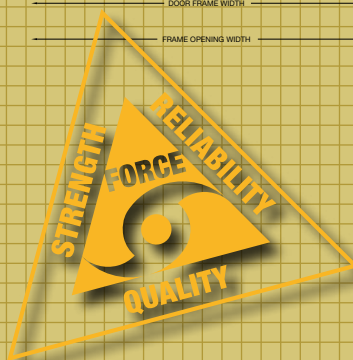
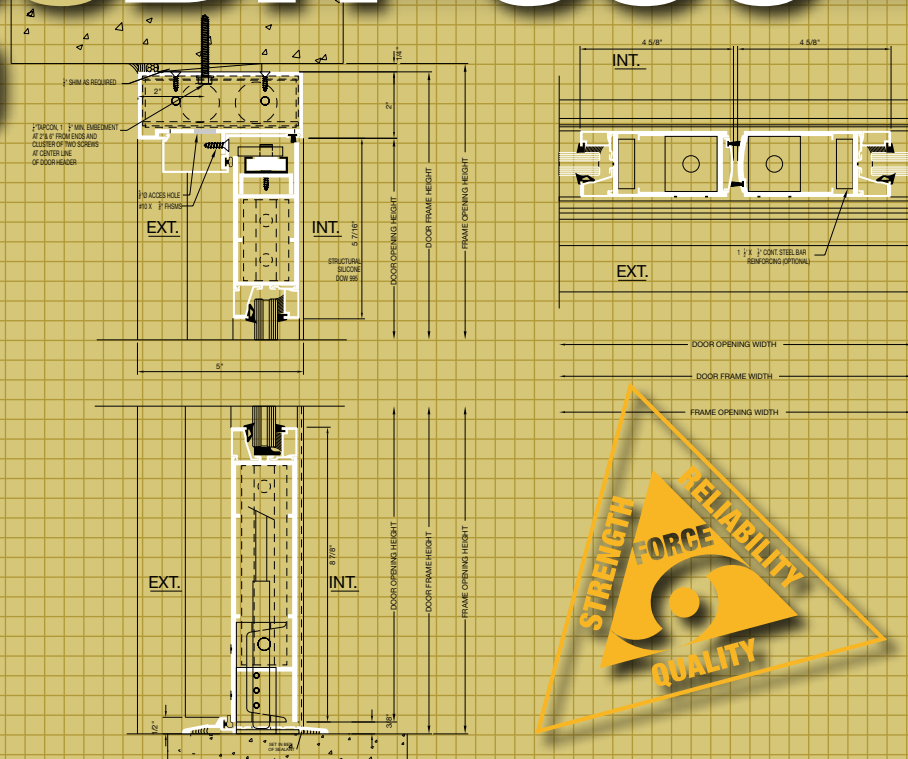




# Series DH-350

+100/-100

Delta Doors was the *first* company in the United States to manufacture an impact resistant, Miami-Dade county, Florida-approved inswing entrance.



## Series DH-350 Aluminum Outswing and Inswing Impact Doors

When the need for an aluminum door arises, there are many that can be used. However, when there is a need for that aluminum door to meet the stringent code requirements in areas ravished by hurricanes, there is only one choice: Our DH-350 Hurricane Impact Resistant Door.

At Delta Doors, we stand tall by manufacturing the DH-350 Inswing – the industry's first inswing impact resistant entrance.

### ADA Compliant

With Delta Doors, there is no need to sacrifice ADA compliance with your impact resistant storefront entrance. The DH-350 has all locking and push/pull hardware located precisely according to ADA regulations. Meeting a standard of 32" clear opening width and half-inch threshold height, Delta Doors DH-350 entrances meets all minimum requirements for ADA compliance.

### Testing & Performance

DH350 Entrances are tested in accordance with FBC 2411 3.2.1, FBC, TAS 201-94, FBC, TAS 202-94 and FBC, TAS 203-94; Miami-Dade county protocols PA 201, 202 and 203. This testing includes the following:

- **Air Infiltration** 0.050 cfm/sq.ft. at a pressure differential of 6.24 psf
- **Structural**  
Maximum design pressure  
Large Missile +100 psf to -100 psf
- **Forced Entry Resistance**  
300 pound concentrated load

Large Missile – Outswing: NOA #04-1123.04  
Large Missile – Inswing: NOA #07-0220.07

### Features

DH-350 entrances are 2" deep, with 3.75" vertical stiles, 4.5" top rails & 8" bottom rails. The use of the "Secure Bolt" corner construction which, along with the oversized stiles and rails, adds to the overall strength and performance of the entrance. The DH-350 is a single-acting door used as a single door or, depending on the application, in pairs.

One and a half pair of 4" x 4.5" heavy duty, stainless steel NRP hinges are supplied on each entrance up to 7' in height (doors more than 7' will carry 2 pair of hinges). When using extra large doors (more than 7'6" in height) and doors that are to be used in coastal or high wind areas, we offer the LCN 4041 door closer. This closer adds to the superior performance of our entrances without compromising the

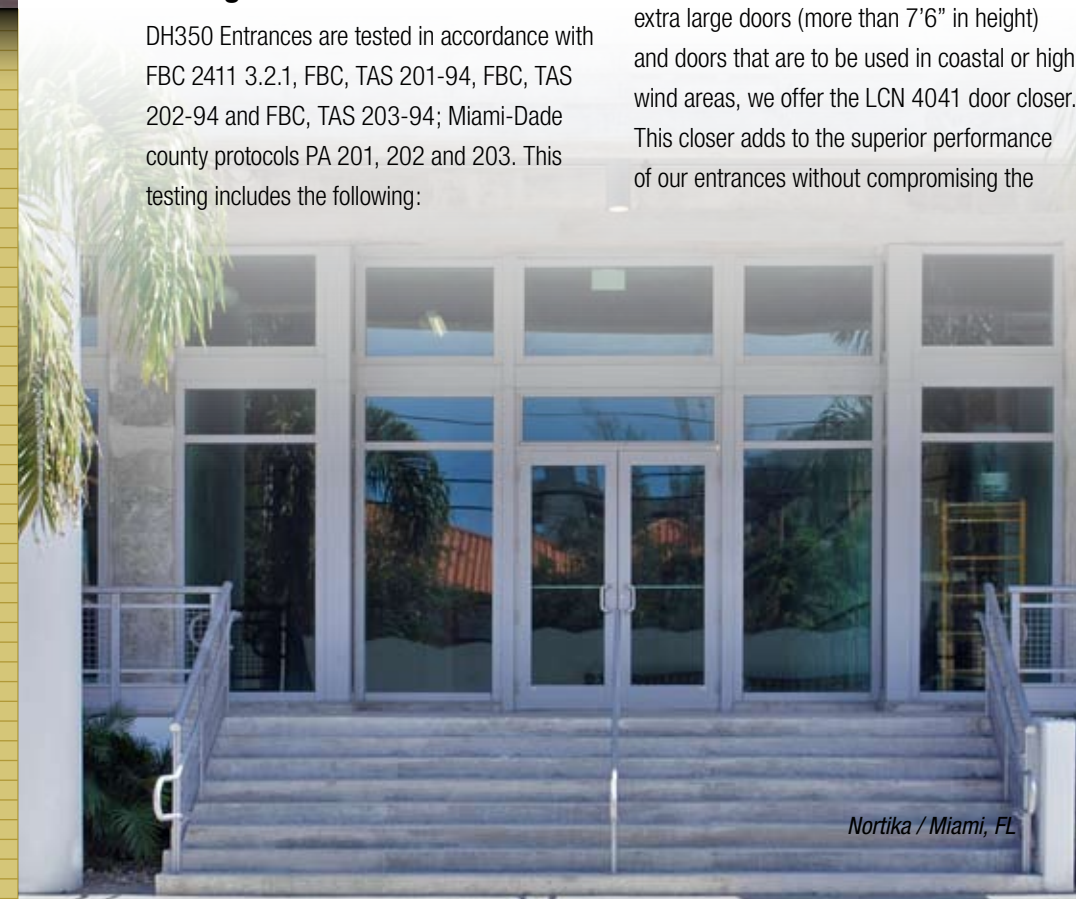


engineered standards originally set forth (maximum door size: single 3'6" x 9'0" / double 7'0" x 9'0").

For maximum security on each entrance, Delta Doors supplies a 3-point locking system which includes the Regent Ultra Secure Hookbolt lock and Delta Doors top and bottom half-inch stainless steel "Secure Shoot Bolts". Each lock assembly includes an oversized thumbturn on the interior and a keyed cylinder on the exterior. Other locking options include the Dor-O-Matic 1490 Exit Device. Pairs of doors are equipped with the same 3-point locking system on the active leaf and the cylinder operated flushbolts on each inactive leaf.

The DH-350 is designed to accommodate 9/16" impact resistant glass. Each door is factory glazed using square glass stops with our wet/dry glazing method, using a combination of Tremco EPDM spacer & wedge gaskets along with DOW 995 for the internal silicone seal. Delta Doors equips each DH-350 door with nonremovable exterior glass stops to further increase impact resistance.

Door frames are constructed with 1.75" x 5" framing members. A narrower sightline option (1" x 5") is available upon request. Surface mounted door closers are standard; overhead concealed closers are an option.



**DELTA DOORS**