Groveway Condominium / Coconut Grove, FL

Series BAL-350
+120/-120

Series BAL-350 Aluminum Outswing Terrace/Balcony Entrance

With the growing need for a commercial impact resistant product in the residential market, the BAL-350 by Delta Doors has topped the list for terrace / balcony entrances. Being tested for both small and large missile impact resistance, as well as its high performance for water resistance, helps to make this door *The New Force in Terrace/Balcony Entrances.*

Testing & Performance

BAL350 entrances are tested in accordance with FBC, TAS 201-94 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
- **Water Infiltration**
  No uncontrolled water at 18 psf
- **Structural**
  Maximum design pressure
  - Large Missile
    +100 psf to -100 psf
  - Small Missile
    +120 psf to -120 psf
- **Forced Entry Resistance**
  300 pound concentrated load

Large Missile: NOA #05-0110.01
Small Missile: NOA #05-0902.04

Features

BAL-350 Entrances are 2” deep, with 3.75” vertical stiles, 4.5” top rails and 8” bottom rails. It boasts the use of the “Secure Bolt” corner construction, which along with the oversized stiles and rails, adds to the strength and overall performance of this entrance. The BAL-350 is a single acting door and is only used as a single door.

For 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 3’6” X 9’0”). 1.5 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 two pair of hinges). For maximum security on each entrance, Delta Doors supplies a 4-point locking system, which includes a stainless steel latch lock with security deadbolt and the Delta Doors top and bottom half-inch stainless steel “Secure Shoot Bolts”. The lock sports a solid brass lever handle that is available in seven different finishes. Also available as a locking option is the Hi-Line latch lock with security deadbolt.

The BAL-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 and wedge gasket along with DOW 995 for the internal silicone seal. Further increasing our impact resistance, Delta Doors equips each BAL-350 door with non-removable exterior glass stops.

Door frames are constructed using 1.75” x 5” framing members. A narrower sightline option is available (1” x 5”) upon request. Surface mounted door closers are standard, however, there is an option for using the overhead concealed closers.

Latch Lock Hardware

DELTA DOORS