WINDSTORM-RESISTANT DOORS
UNITING STRENGTH AND ELEGANCE

Storms and hurricanes are frequent in certain coastal areas, and construction standards demand high-performance products to ensure the safety of building occupants. de La Fontaine offers a durable door that meets the industry’s stringent standards, while the distinction of customized embossing allows you to combine performance and design.

MATERIAL
- A40 and A60 galvannealed steel; stainless steel, type 304 or 316, finish #4.

STEEL GAUGES
- **Flush door:**
  - 16-gauge (0.056”/1.4 mm);
  - 14-gauge (0.071”; 1.8 mm);
  - 12-gauge (0.105”/ 2.7 mm).
- **Inverted embossed door:**
  - 16-gauge (0.056”/1.4 mm);
  - Frame:
    - 16-gauge (0.056”/ 1.4 mm) minimum.

DOOR DIMENSIONS
- **Single door:** up to 3’0” x 7’0” (914 mm x 2133 mm);
- **Pair of doors:** up to 6’0” x 7’0” (1829 mm x 2133 mm).

FRAME
- **Jamb depth:** 5” (146 mm) minimum; Existing wall anchor with tube.

DOOR
- Continuously welded door, 1 3/4” (44 mm) thick; Door perimeter is reinforced with an 18-gauge (0.044”/1.1 mm) U-channel

DOOR CORE
- Steel stiffened core with polystyrene.

FIRE RATING
- 90 minutes, positive pressure UL 10C.

COMPLY WITH INDUSTRY WINDSTORM STANDARDS
- ANSI A250.13, ASTM E330-02, ASTM E1886-05, ASTM E1996-09; Outswinging doors; Pressure: 70 psf; Impact: 350lb-ft; Class 1 door.

HARDWARE
- **Single opening:**
  - > Cylindrical lock (10-gauge (0.129”/3.3 mm) reinforcement);
  - > Mortise lock (10-gauge (0.129”/3.3 mm) reinforcement);
  - > Rim exit device.
- **Double opening:**
  - > Cylindrical lock X surface bolt (top and bottom);
  - > Mortise lock X surface bolt (top and bottom);
  - > Rim exit device X rim exit device X mullion;
  - > Vertical rod exit device (surface or concealed, top and bottom).

HINGE REINFORCEMENT
- 10-gauge (0.129”/3.3 mm).

PREFINISHING
- Please refer to the paint technical sheet for more information.

INVERTED V MODEL
Inverted embossing creates a convex relief pattern on the door’s surface. (1)

(1) Inverted V model is not recommended for closed geometries or with 16-gauge material. Please request a sample if needed.

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