



GENERAL INFORMATION

Steelcraft doors and frames are designed for virtually all construction requirements in commercial building applications. Their construction, durability and flexibility have been proven in both operation and physical testing of all types.

Storm Resistance H and HE-Series:

The Hurricane (H and HE Series) exterior doors are designed for installation in all types of building construction, but are specifically designed to resist the cyclic pressures, static pressures and missile impact loads as detailed in the Miami-Dade County Product Control Approval System of the Florida Building Code Approval System. The continuously bonded cores and full height mechanically interlocked edge seams provide attractive, flat and very durable doors to the commercial construction industry. Many options are available in this product series including edge construction, core variations and finishes.

Information on the Florida Building Code is available through the Florida Department of Community Affairs and the Florida Building Commission 2555 Shumard Oak Boulevard, Tallahassee, Florida 32399-210 (<http://www.dca.state.fl.us>)

SIZES AND PERFORMANCE

All doors and frames are manufactured and supplied to meet the dimensional standards and performance levels as published in ANSI A250.8-2003 (SDI 100).

Special size products are available to meet the unique construction, performance and aesthetic requirements of the architectural community. Contact Steelcraft for those requirements.

USAGE AND APPLICATION

To help simplify the use, selection and specification of Steelcraft storm resistance door products, the following guidelines for base material selection can be used:

Material Gage – the following base material thickness values were taken from the Underwriters Laboratories, Inc. publication for gage number and equivalent thickness and describe the sheet steel products available from Steelcraft:

- **H and HE Series Doors - 16 Gage [0.053" (1.3mm)]** for Extra Heavy Commercial and Institutional applications having the potential of very high use.
- **H-Series Doors - 14 Gage [0.067" (1.7mm)]** for Extra Heavy Commercial and Institutional applications with extremely high use.

Material Selection –

- Hot-Dip Galvanized Steel – conforming to ASTM A924 and ASTM A653 is standard on all H and HE-Series doors.

INSTALLATION:

Installation of all Steelcraft frames and doors shall conform to the published Steelcraft installation instructions, ANSI A250.11-2001 (formerly SDI 105) Recommended Erection Instructions for Steel Frames and HMMA 840.

Installation of all H and HE-Series doors must conform to the published Miami-Dade NOAs (Notice of Acceptance) and/or the Florida Building Code (FBC) statewide approval.

All Fire Rated doors must be installed in accordance with the National Fire Protection Association Pamphlet 80 (NFPA 80), and/or the local Authority Having Jurisdiction.

