

Empire Bronze™

IMPACT APPROVED WINDOWS & DOORS

The ageless beauty and elegance of solid bronze windows and doors are the ultimate complement to elite properties while providing the tranquility of proven hurricane protection.

With the successful completion of certified hurricane impact testing, Hope's is proud to offer the unique opportunity of impact approved solid bronze windows and doors that have been tested in accordance with the stringent hurricane requirements of the Florida Building Code, including the High Velocity Hurricane Zone, impact product requirements.

HOPE'S®

STEEL & BRONZE • WINDOWS & DOORS
HANDCRAFTED IN USA

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Impact Resistant
SOLID BRONZE WINDOWS & DOORS

HOPE'S®



Impact Resistant

SOLID BRONZE WINDOWS & DOORS

Hope's has developed impact approved solid bronze windows and doors for hurricane applications manufactured from hot-rolled custom bronze sections. Hope's offers Empire Bronze impact resistant fixed, side hung-out casement and project-out windows and swing doors.

- Leading the industry with the largest tested sizes of solid bronze windows and doors
- Total design flexibility with custom shaping capabilities and configurations
- Windows and doors do not require hurricane shutters



Impact Testing

IMPACT PRODUCT REQUIREMENTS

Hope's Empire Bronze impact resistant windows and doors have successfully tested to the following Florida Building Code (FBC), including the High Velocity Hurricane Zone (HVHZ), impact product requirements:

- Impact TAS 201
- Cyclic TAS 203
- Air, Water, Structural / Forced Entry TAS 202

Impact approved products are also third party certified for:

- Air ASTM E283
- Water ASTM E331
- Structural ASTM E330
- Forced Entry ASTM F588

Product Approvals

IMPACT RESISTANT PRODUCT APPROVALS

- Fixed Window..... FBC/HVHZ
- Swing-Out Window..... FBC/HVHZ
- Top Hung-Out Window FBC/HVHZ
- Swing-Out Door FBC/HVHZ

NOTE: HVHZ product approvals are an accepted equivalent for Miami/Dade NOAs.