



CATALOG.

TABLE OF CONTENTS.

03

WINDOW

SINGLE
HUNG

05

WINDOW

HORIZONTAL
ROLLING

07

WINDOW

CASEMENT

09

WINDOW

FIXED
WINDOW

11

DOOR

FRENCH
DOOR

13

DOOR

SLIDING
GLASS DOOR

ABOUT.



SINGLE HUNG.

PRODUCT OVERVIEW

The SH 2100 Aluminum Single Hung Window by EMC Windows and Doors is specifically designed and tested to comply with the rigorous requirements of the Florida Building Code, including High Velocity Hurricane Zone (HVHZ) standards. This product offers both large and small missile impact resistance, meaning it does not require additional shutters for hurricane protection.

HIGH IMPACT RESISTANCE

Certified for both large and small missile impact, ensuring superior protection against extreme weather conditions, including hurricanes.



DESIGN AND MATERIALS

Made from durable 6063 T6 alloy aluminum, ensuring long-lasting performance and resistance to corrosion. Available in various sizes with a +110/-140 maximum design load capacity of ± 70 PSF for windows with jamb anchors, depending on the size.

GLASS OPTIONS

Type A: 5/16" overall laminated glass.

Type B: 13/16" overall insulated laminated glass, providing enhanced insulation and impact resistance. Maximum size of 53 x 96.

INSTALLATION REQUIREMENTS

The window is designed to be installed with or without jamb anchors, depending on the size. Detailed specifications for anchor placement and materials are provided, ensuring compliance with building codes. Sealants such as DOW 995 are used around the frame perimeter and joints to ensure a secure and weather-tight installation.



HORIZONTAL WINDOW.



PRODUCT OVERVIEW

The HR 2100 Aluminum Horizontal Sliding Window by EMC Windows and Doors is engineered to meet the stringent requirements of the 7th and 8th Editions of the Florida Building Code, including the High Velocity Hurricane Zone (HVHZ). This window is rated for both large and small missile impacts, ensuring that it does not require additional shutters for hurricane protection.

HIGH IMPACT RESISTANCE

Certified for large and small missile impacts, making it ideal for hurricane-prone regions. This window provides robust protection against severe weather events without the need for external shutters.

DESIGN AND MATERIALS

Constructed from durable 6063 T6 alloy aluminum, the HR 2100 is built to last and resist corrosion. It is designed for versatility, allowing installation as a single unit or in side-by-side combinations with other window types using Florida-approved mullions.

GLASS OPTIONS

maximum width of 150 and maximum height 74 psf +90/-130. Type A: 5/16" overall laminated glass, designed for impact resistance.

Type B: 13/16" overall insulated laminated glass, providing enhanced insulation and impact resistance.

INSTALLATION REQUIREMENTS

The document specifies the use of appropriate anchors and materials, such as 1/4" Ultracon+ by Dewalt screws, for securing the window to the structure. The installation details ensure compliance with building codes and optimal performance during severe weather.

Sealants like DOWSIL 995 silicone are used for sealing all frame and vent corners to ensure a watertight installation.



CASEMENT WINDOWS.

PRODUCT OVERVIEW

The CS 2100 Aluminum Casement Window by EMC Windows and Doors is engineered to meet the stringent requirements of the 7th and 8th Editions of the Florida Building Code, including High Velocity Hurricane Zone (HVHZ). This window is designed to withstand both large and small missile impacts, making it an excellent choice for installations up to and above 30 feet of grade without the need for additional shutters.

HIGH IMPACT RESISTANCE

The CS 2100 window is certified for both large and small missile impacts, ensuring robust protection in hurricane-prone areas. This makes it suitable for use up to 30 feet of grade with large missile impact resistance (LMI) and above 30 feet with small missile impact resistance (SMI).



No picture

DESIGN AND MATERIALS

Constructed from durable 6063 T6 aluminum, the CS 2100 is built to resist corrosion and withstand severe weather conditions. The window's design includes various components like multipoint lock systems, stainless steel four-bar hinges, and optional limited devices for added security and ease of use.

GLASS OPTIONS

Type G1: 7/16" annealed glass with a 1/4" air space.
Type G2: Enhanced impact resistance with 0.130" GLASSLAM Safety Plus II, providing superior protection. max width 53 max height 96."

INSTALLATION REQUIREMENTS

The CS 2100 window requires precise installation with listed anchors, such as 1/4" Ultracon+ by Dewalt screws, ensuring the window is securely attached to the structure. The document specifies anchor embedment depths and spacing, ensuring compliance with building codes and optimal performance during extreme weather conditions. Sealants like DOW 995 silicone are recommended for sealing all frame and vent corners, ensuring a watertight and secure installation.



FIXED WINDOW.



PRODUCT OVERVIEW

The FX 2100 Aluminum Fixed Window by EMC Windows and Doors is meticulously engineered to comply with the 7th and 8th Editions of the Florida Building Code, including the stringent High Velocity Hurricane Zone (HVHZ) standards. This fixed window is rated for both large and small missile impacts, eliminating the need for additional hurricane protection shutters.

HIGH IMPACT RESISTANCE

Certified for large and small missile impacts, the FX 2100 offers exceptional protection in hurricane-prone areas, ensuring safety without the need for external shutters.

DESIGN AND MATERIALS

Constructed from high-quality 6063 T6 alloy aluminum, the FX 2100 is built for durability and corrosion resistance. This fixed window is designed to be installed as a standalone unit or in combination with other window types, utilizing Florida-approved mullions for side-by-side installations.

GLASS OPTIONS

Type A: 7/16" overall laminated glass, optimized for impact resistance.

Type B: 7/8" overall insulated laminated glass, providing superior insulation and impact resistance. Max width and height 96.

INSTALLATION REQUIREMENTS

The NOA specifies the use of appropriate anchors and materials, such as 1/4" Ultracon+ by Dewalt screws, ensuring secure attachment to the structure. These details ensure compliance with building codes and optimal performance under severe weather conditions. Sealants like DOWSIL 995 silicone are used for sealing all frame corners, ensuring a watertight and durable installation.



FRENCH DOOR.

PRODUCT OVERVIEW

The FD 2100 Aluminum Outswing French Door by EMC Windows and Doors is meticulously crafted to meet the stringent requirements of the 7th and 8th Editions of the Florida Building Code, including the High Velocity Hurricane Zone (HVHZ). This French door is rated for large missile impacts, ensuring robust protection without the need for additional shutters.

HIGH IMPACT RESISTANCE

Certified for large missile impacts, the FD 2100 provides exceptional protection in hurricane-prone areas, offering safety and peace of mind without the need for external shutters.

max width 76 height 98 65 psf



DESIGN AND MATERIALS

Constructed from high-quality 6063 T6 alloy aluminum, the FD 2100 is built for durability and resistance to corrosion. This door is designed for versatility, allowing installation as a standalone unit or in combination with sidelites, making it adaptable to various architectural designs.

GLASS OPTIONS

Type G1: 7/16" overall laminated glass, optimized for impact resistance.

Type G2: 1" overall insulated laminated glass, providing superior insulation and impact resistance.

INSTALLATION REQUIREMENTS

The NOA specifies the use of appropriate anchors and materials, such as 1/4" Ultracon+ by Dewalt screws, ensuring secure attachment to the structure. The use of sealants like DOWSIL 775 silicone for sealing all frame joints and perimeters ensures a watertight installation that meets building code requirements.



SLIDING GLASS DOOR.

PRODUCT OVERVIEW

The SG 2100 Sliding Glass Doors by EMC Windows and Doors are expertly designed to comply with the 7th and 8th Editions of the Florida Building Code, including the High Velocity Hurricane Zone (HVHZ) standards. These sliding glass doors are rated for both large and small missile impacts, providing robust protection without the need for additional hurricane shutters.
+80/-100 max panel size 48 x 96. several configurations.

HIGH IMPACT RESISTANCE

The SG 2100 Sliding Glass Doors are certified for both large and small missile impacts, making them ideal for hurricane-prone areas. This certification ensures that the doors offer substantial protection during severe weather events without requiring external shutters.





DESIGN AND MATERIALS

Constructed from high-quality 6063 T5 and T6 alloy aluminum, these sliding glass doors are designed for durability and corrosion resistance. The doors are available in multiple configurations, such as XO, OX, XX, and more, providing flexibility in design and installation.

GLASS OPTIONS

Type A: 3/16" HS Glass with a 0.075" Saflex Storm Glass interlayer, offering excellent impact resistance.

Type B: 3/16" HS Glass with a 0.090" SentryGlas interlayer, providing enhanced security and durability.

Type C: 3/16" Annealed Glass with a 0.110" Glasslam Safety-Plus interlayer, offering a robust solution for impact resistance.

INSTALLATION REQUIREMENTS

The NOA specifies the use of appropriate anchors, such as 1/4" Ultracon+ by Dewalt screws, to secure the doors to the structure. These installation guidelines ensure compliance with building codes and optimal performance in severe weather conditions. The use of DOW 899 Structural Silicone ensures a watertight and secure installation.



