



TOWN OF SURFSIDE
BUILDING DEPARTMENT
9293 HARDING AVENUE
SURFSIDE, FL 33154

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Permit Requirements for Replacement Windows & Doors

All retrofit replacement window and door permits must have all items listed as part of the permit application.

- Completed permit application, notarized.

- Two copies of all Miami-Dade County Product Approvals or Florida Product Approvals for all components including:
 - a. Window
 - b. Door
 - c. Mullion

- All retrofit windows and doors must meet one of the following wind load requirements.
 - Two copies of a site-specific plan signed and sealed by a Florida Professional Engineer or Architect, indicating the location of all openings and the design pressures.

 - Two copies of a site-specific plan (not signed and sealed) indicating the location and two copies of a worst case design pressure chart signed and sealed by a Florida Professional Engineer or Architect.

 - Two copies of a site-specific plan (not signed and sealed) indicating the location of the openings and the design pressures based on 2020 FBC-R Table 301.2.(2) and Table 301.2.(3).

Note: 2020 FBC-R Table 301.2.(2) and Table 301.2.(3). have been adopted for retrofit of doors and windows and shutters only on buildings with a permit application prior to Sept. 1, 1994 and is limited to buildings with a mean roof height of 30 foot or less.

All retrofit doors and windows must meet the impact requirements of 2020 FBC-R 507.3.
As follows:

- Windows and doors must be impact resistant, or
- A shutter permit with required product approval must accompany door and window permit, or
- Existing shutters must meet FBC or SFBC 1994 or later and be accompanied by an existing permit number.

Exception: Impact protection will not be required if less than 25% of the aggregate area of all glazed openings are being replaced in a 12 month period.



WINDOWS/DOORS **WIND LOAD CALCULATIONS**

Please fill in the information requested:

ADDRESS OF HOME _____

HIGHEST POINT OF ROOF _____
 EAVE HEIGHT OF ROOF _____
 BUILDING WIDTH _____
 BUILDING LENGTH _____

The site specific plan must show the distance of the openings from the nearest corner.

Wind Loads per FBC-R 301.2(2) & 301.2(3)

Mean Roof Height	Zone 4 & 5 (+)	Zone 4 (-)	Zone 5 (-)
1' – 15'	+ 42.7	- 46.2	- 57.2
15' – 20'	+ 45.6	- 49.3	- 60.8
20' – 25'	+ 47.7	- 51.6	- 63.7

*Zone 5 is any opening within the corner distance from any corner.

*Corner distance is .4 x mean roof height or .10 x width, but not less than 3'