



Form 100

Design Certification for Wind Load

Hover over form fields for instructions.

Instructions for submission: Upload completed form to Accela Citizen Access (ACA) Portal using this [link](#) or email to permitting@martin.fl.us

Project Information

Project name _____

Construction address _____
Street City ZIP Code

Engineer or Architect of Record

Name Design firm Certification number

Design Parameters and Analysis

Florida Building Code 8th Edition (2023) Chapter 6 of ASCE 7-22

Note: The Following must be indicated on permit documents for all residential and commercial buildings, alterations, and renovations. Actual design pressures for all exterior windows, doors, garage doors, and similar envelope elements must also be indicated on construction plans.

Building design (select one) ☐ Partially enclosed ☐ Enclosed ☐ Open ☐ Wind tunnel test

Wind speeds

Use the [Martin County Property Information Lookup](#) to determine wind speeds.

Ultimate design wind speed Nominal design wind speed Exposure category
Figure 1609.3(1), 1609.3(2) AND 1609.3(3) Figure R301.2(4) OR 1609.3.(1)

Risk category (Table 1604.5) (select one) ☐ I ☐ II ☐ III ☐ IV

Wind important use factor Internal pressure coefficient

Garage door design pressure _____
+psf (positive) -psf (negative)

(Continued on page 2)

Door design pressure (interior zone)

+psf (positive) -psf (negative)

(end zone)

+psf (positive) -psf (negative)

Window design pressure (interior zone)

+psf (positive) -psf (negative)

(end zone)

+psf (positive) -psf (negative)

Impact protection (exterior openings)

☐

Approved shutters

☐

Impact-resistant glass

Signature & Seal

As witnessed by my seal, I hereby certify that the above information is true and correct to the best of my knowledge.

Engineer Name

Engineer signature & date

