



# Miami-Dade County HVHZ Electronic Solar Permit Form

"Delivering Excellence Every Day"

Master Permit No.

Process No.

Contractor's Name

Job Address

Municipality

County

State

New Roof (requires separate roof permit)

Re-Roof (requires separate roof permit)

Existing Roof

Roof Type

Deck Type

Support Spacing

Structural Support Type

Roof Slope

Roof Mean Height (ft)

Type of Solar Array

Solar Panel Manufacturer

Solar Module Model No.

Florida Solar Energy Center Certification No.

Provide Roof Top Location of the Solar Modules

P(1) Field of Roof

(P) 2 Perimeter of Roof

Perimeter Width (a')

**Solar Modules Shall Not Be Installed in (P) 3 Corners of any Roof or Roof Section**

Wind Exposure Category per ASCE-10

Exposure C

Exposure D

Calculated Roof Uplift Pressures per ASCE -10

Prescriptive Steep Slope Roof Uplift Pressures per RAS-127 <sup>1</sup>  
Prescriptive Low Slope Roof Uplift Pressures per RAS-128 <sup>2</sup>

Calculated P(1) pressure (psf)

Calculated P(2) pressure (psf)

<sup>1</sup> RAS-127 steep slope roofs  $\geq 2:12$  & <sup>2</sup> RAS-128 low slope roofs  $< 2:12$   
Test Protocols for High-Velocity Hurricane Zones

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**Is the Solar Array Installed Parallel to the Roof Surface?**

Yes  No

**Is the Solar Array Installed Inclined to the Roof Surface?**

Yes  No

**Roof Top Solar Array Attachment**

**Roof Top Mounting Bracket Type**

- Stand-Off  Angle Support
- S Clamps (Standing Seam Metal Roofs)
- Other Mount Type

**Other Mount Type**

**Solar Rack System**

**Mount Spacing Field P (1)**

**Mount Spacing Perimeter P (2)**





**Minimum 2.5" Embedment, Pilot Hole Required**

**a. Solar Module Size**

**b. Module Area (ft<sup>2</sup>)**

**c. Total Installed Modules**

**d. Total Area of Installed Modules {b x c} (ft<sup>2</sup>)**

**Solar Module Weight (lbs.)**

**e. Total weight of Modules & Attachment Rails (lbs.)**

**f. Total Number of Roof Attachment Points**

**Weight per Attachment Point {e ÷ f} (lbs.)**



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# Miami-Dade County HVHZ Electronic Solar Permit Form

**Photovoltaic Laminate Modules (PVL) Adhered Directly to Roof Systems**

*A Separate Roof Permit is Required for Adhered PVL Modules*

**Provide Roof Top Location of the PVL Modules**

*PVL Modules Shall Not be Installed in Zone (P) 3 Corners of any Roof or Roof Section*

**P(1) Field of Roof**

**(P) 2 Perimeter of Roof**

**Perimeter Width (a')**

**Wind Exposure Category per ASCE-10**

**Exposure C**

**Exposure D**

**Calculated Roof Uplift Pressures per ASCE -7**

**Prescriptive Steep Slope Roof Uplift Pressures per RAS-127 <sup>1</sup>  
Prescriptive Low Slope Roof Uplift Pressures per RAS-128 <sup>2</sup>**

**Calculated P(1) pressure (psf)**

**Calculated P(2) pressure (psf)**

<sup>1</sup> RAS-127 steep slope roofs  $\geq$  2:12 & <sup>2</sup> RAS-128 low slope roofs  $<$  2:12  
Test Protocols for High-Velocity Hurricane Zones

**PVL Manufacturer**

**PVL Product Control Approval No.**

**PVL Model No.**

**\* Roof System Product Approval Number**

*\* With PVL Module Listed as an Approved Component*

**Roof System Type**

**\* PVL Maximum Design Pressure**

*\* From Roof System Product Approval*

***Does the Roof System Have a Class "A" Fire Rating with the PVL as a Tested Component?***

**Yes**  **No**