

2020 HVHZ FBC (7th edition)
Miami-Dade County Electronic Roof Permit Form Section C Page, Single Ply Membrane (SPM) Roof Systems
Fill in the specific roof assembly components. If a component is not required, insert not applicable (n/a) in the text box.

The 2020 FBC requires the use of ASCE 7-16 to calculate wind uplift pressures and the sizes of elevated roof pressure zones. To calculate P2 perimeter width a', use .6(h) with h = the Roof Mean Height. P3 corner length = .6(h), P3 corner width = .2(h)

Roof System Manufacturer:

SPM Type / Thickness

Product Approval NOA:

NOA System Type:

Wind Uplift Pressures, From RAS 128 or Sealed Calculations:

SPM Fastening and / or Bonding Material

(P1) Field: psf (P1) Field: psf
(P2) Perimeter: psf (P3) Corner: psf
NOA Design Pressure: (P2) Width: ft.
(P3) Length: ft. (P3) Width: ft.
Roof Slope: /12 Roof Mean Height: ft.
Parapet Walls: No Yes Parapet Wall Height: ft.

Full Sheet Width 1/2 Sheet Width 1/4 Sheet Width
in. in. in.

Number of SPM 1/2 sheets:

Optional Surfacing

LWIC Manufacturer:

Compressive Strength: psi Support Spacing: ft. o/c
If Roof Recovery, provide existing system:

SPM Attachment Method

- SPM adhered to mechanically fastened anchor sheet
- SPM adhered to insulation or roof deck
- SPM induction welded to insulation or deck
- SPM mechanically attached row fastened
- SPM picture frame attachment in perimeters and corners
- SPM finger row attachment in perimeters and corners

Fire Barrier :

Fastener Spacing for SPM or Base Sheet Attachment:

Vapor Barrier:

Lap Spacing Row Spacing Field of Sheet Spacing

Base/Anchor Sheet:

(P1) Field: in. o/c Row(s) in. o/c
(P1) Field: in. o/c Row(s) in. o/c
(P2) Perimeter: in. o/c Row(s) in. o/c
(P3) Corner: in. o/c Row(s) in. o/c

Base/Anchor Sheet Fastener / Bonding Material:

Wood Nailer Type and Size:

Insulation Base Layer Size & Thickness:

Wood Nailer Fastener Type and Spacing:

Insulation Base Layer Fastener / Bonding Material:

Insulation Top Layer Size & Thickness:

Insulation Top Layer Fastener / Bonding Material:

Drip Edge Metal Attachment:

Number of Fasteners per Insulation Board:

(P1): (P1): (P2): (P3):

(For Department Use Only)

Parapet Coping Metal Attachment: