

2023 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 7-22 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: GAF

Product Approval NOA: FL5293-R67 NOA System Type: TPO

Wind Uplift Pressures, From RAS 128 or Sealed Calculations:

(P1) Field: 39 psf (P1) Field: 39 psf

(P2) Perimeter: 64 psf (P3) Corner: 89 psf

NOA Design Pressure: -239 (P2) Width: 10 ft.

(P3) Length: 25 ft. (P3) Width: 10 ft.

Roof Slope: .25 /12 Roof Mean Height: 17 ft.

Parapet Walls: ☐ No ☒ Yes Parapet Wall Height: 1 ft.

-- Gypsum Deck --

LWIC Manufacturer: N/A

Compressive Strength: N/A psi Support Spacing: N/A ft. o/c

If Roof Recovery, provide existing system:

N/A

Fire Barrier :

N/A

Vapor Barrier:

N/A

Base/Anchor Sheet:

N/A

Base/Anchor Sheet Fastener / Bonding Material:

N/A

Insulation Base Layer Size & Thickness:

N/A

Insulation Base Layer Fastener / Bonding Material:

OLY BOND 500

Insulation Top Layer Size & Thickness:

1"

Insulation Top Layer Fastener / Bonding Material:

OLY BOND

Number of Fasteners per Insulation Board:

(P1): N/A (P1): N/A (P2): N/A (P3): N/A

(For Department Use Only)

SPM Type / Thickness

60 MIL

SPM Fastening and / or Bonding Material

GAF 1121 ADHESIVE

Full Sheet Width

N/A in.

1/2 Sheet Width

N/A in.

1/4 Sheet Width

N/A in.

Optional Surfacing

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

Fastener Spacing for SPM or Base Sheet Attachment:

Lap Spacing

Row Spacing

Field of Sheet Spacing

(P1) Field: N/A in. o/c N/A Row(s) N/A in. o/c

(P1) Field: N/A in. o/c N/A Row(s) N/A in. o/c

(P2) Perimeter: N/A in. o/c N/A Row(s) N/A in. o/c

(P3) Corner: N/A in. o/c N/A Row(s) N/A in. o/c

Wood Nailer Type and Size:

N/A

Wood Nailer Fastener Type and Spacing:

N/A

-- Select Drip Edge Material --

-- Select Drip Edge Metal Size --

-- Select Drip Edge Metal Cleat (Hook Strip) --

Drip Edge Metal Attachment:

N/A

-- Select Coping Metal Material --

-- Select Coping Metal Size --

-- Select Coping Metal Cleat (Hook Strip) --

Parapet Coping Metal Attachment: