

Fill in the specific roof assembly components. If a component is not required, insert not applicable (n/a) in the text box.

The 2023 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:

Base Sheet(s)

Product Approval NOA:

NOA System Type:

Base Sheet Fastener / Bonding Material:

Wind Uplift Pressures, From RAS 128 or Sealed Calculations:

Ply Sheet(s):

Ply Sheet Fastener / Bonding Material:

Top Ply Sheet:

Top Ply Sheet Fastener / Bonding Material:

Optional Surfacing:

Fastener Spacing for Base Sheet Attachment :

Lap Spacing Row Spacing Field of Sheet Spacing

(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

Wood Nailer Type and Size:

Wood Nailer Fastener Type and Spacing:

Drip Edge Metal Attachment:

Parapet Coping Metal Attachment:

(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.

LWIC Manufacturer:

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

If Roof Recovery , provide the existing roof system:

Fire Barrier:

Vapor Barrier:

Anchor Sheet:

Anchor Sheet Fastener / Bonding Material:

Insulation Base Layer Size & Thickness:

Insulation Base Layer Fastener / Bonding Material:

Insulation Top Layer Size & Thickness:

Insulation Top Layer Fastener / Bonding Material:

Number of Fasteners per Insulation Board:

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

(For Department Use Only)