

**Miami-Dade County (MDC)
2020 HVHV Electronic Permit Form
Section D Metal Roof Panel**

Roof System Manufacturer: ROOFING EXPERTS SERVICES, INC

MDC Notice of Acceptance (NOA): 21-0603.28

Minimum Design Wind Pressures (psf) from 2020 RAS-127 or Calculations per ASCE 7-16

(P1) Field: ^{HIP/GABLE} -85/-93 (P2e) Perimeter Edges: ^{HIP/GABLE} -119/-93 (P2n) Gable Perimeter: ^{HIP/GABLE} n/a/-136
(P2r) Ridge Perimeter: ^{HIP/GABLE} -110/-136 (P3e) Overhang Corners: ^{HIP/GABLE} -119/-136 (P3r) Ridge Corners: ^{HIP/GABLE} -119/-162

Maximum design wind pressure from MDC NOA: -180

Complete the required roof assembly system components, if a component is not required mark the field N/A.

Roof Slope: 4 /12 **Roof Mean Height:** 42 ft. **Perimeter Width:** 6.2 ft.

Deck Type: -- 5/8" Plywood Deck --

Optional Nailable Surface:

N/A

Optional substrate attachment:

N/A

Optional Insulation:

N/A

Insulation Attachment:

N/A

Fire Barrier:

VERSASHIELD

Underlayment Type (UDL):

ASTM D 226 TYPE II #30 1 PLY

Fastener Type & Spacing for UDL Attachment:

1.25" R.S. NAILS AND TIN CAPS 12 O.C. @ FIELDS 6" O.C @ LAPS

Optional Peel & Stick Membrane:

N/A

Metal Roof Panel:

ENGLERT SERIES 1300 -0.032 ALUMINUM PANEL

Drip Edge Material:

ALUMINUM

Drip Edge Size & Gauge or Thickness:

3X3 .032 ALUMINUM

Drip Edge Hook Strip (continuous cleat)

N/A

Drip Edge Fastener & Attachment Spacing:

10 - 12 X 1" WOOD SCREWS @12" O.C.

Screw Type, Size and Gauge for Clip Attachment:

CORROSION RESISTANT #10 SELF TAPPING PAN HEAD SCREWS

Number of screws required per clip: 2

Screw Type, size, and Gauge for Through Panel Attachment, Sealing Washers Required:

CORROSION RESISTANT #10 SELF TAPPING PAN HEAD SCREWS

Clip or Screw Spacing for Metal Panel Attachment:

(P1): 16 in. o/c (P2e): 8 in. o/c
(P2n): 8 in. o/c (P2r): 8 in. o/c
(P3e): 8 in. o/c (P3r): 8 in. o/c