

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: 4", 6", or 10" GOOSE NECK ROOF VENT

MANUFACTURER: PATRIOT FOUNDATION SYSTEMS
30427 COMMERCE DRIVE
SAN ANTONIO, FL 33576

To all concerned,

The 4", 6", or 10" Goose Neck Roof Vent, manufactured by Patriot Foundation Systems, is a 22 Ga. Galvanized Steel Vent installed on metal panel, asphalt shingle, or flat tile roofs over ½" (15/32" min) CDX plywood roof decks. The vent has been tested per TAS 100(A) by Intertek B&C, with results shown in test report Q5233.01-450-18.

Technical Documentation:

1. Drawing "PGNV-HZ", dated 2/28/24, signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Intertek B&C, signed and sealed by Tyler Westerling, PE.
3. Supplemental Calculations to support PGNV-HZ, signed and sealed by Scott Wolters, PE

I have reviewed this submittal per the requirements of FAC Product Approval Rule Chapter 61G20-3.005 (4). Based on the limitations listed below and those provided in the documents above, this product meets all the requirements of the 8th Edition (2023) Florida Building Code generally, and chapters 15 & 16 specifically, for use inside and outside of the HVHZ.

Limitations: This system is approved for use inside and outside of the HVHZ.

Overall Dimensions:

Max flange dimensions:	15" x 13"
Max box dimensions:	10" x 10 1/16" x 8 3/4"
Max roof height:	33 ft.
Min roof slope:	2:12
Min fasteners:	#10 x 1 1/2" Pancake Head Screws, spaced 5" max. O.C.

Minimum Substrate: ½" (15/32" min) CDX Plywood nailed to 2x rafters spaced 24" max. O.C.
with 8d ring-shank nails spaced 6" O.C.

Other Limitations:

1. This system is approved for installation on metal panel, asphalt shingle, or flat tile roofs only.
2. Fire classification is not a part of this evaluation.
3. Design of substrate is by others and is not a part of this evaluation.
4. Vent must be sealed with Tri-Built High Performance Polyurethane Sealant, and secured with #10 x 1 1/2" Pancake Head Fasteners, spaced 5" max O.C.
5. All screws and vent flange must be sealed with Tri-Built High Performance Polyurethane sealant.

If you have any questions or need more information concerning this approval please contact me.

Thank you,


Scott Wolters
FLPE# 62354
FEB 28 2024

