

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

15211 97th Road N
West Palm Beach, FL 33412
Ph/Fx: (561) 225-1982

PRODUCT EVALUATION

PRODUCT: NORTHSTAR FIBERGLASS WALL PANEL SYSTEM

MANUFACTURER: NORTHSTAR TECHNOLOGIES GROUP, INC.
365 FIFTH AVENUE S
NAPLES, FL 34102

To all concerned,

The Northstar Fiberglass Wall Panel System, manufactured by Northstar Technologies Group, Inc. consists of a fiber-reinforced polymer panel fastened over fiber-reinforced polymer studs. The system has been tested per TAS 201, 202, and 203 by Intertek B&C with results shown in test report L4423.01-450-44, and per ASTM E84 and E2768 by ICC NTA, with results shown in test reports NTGI042921-111AR2 and NTGI042921-111BR2.

Technical Documentation:

1. Drawing "20201214" dated 10/18/24 (Rev. 2), signed and sealed by Scott Wolters, PE.
2. Test Report listed above by Intertek B&C, signed & sealed by Vinu Abraham PE & Daniel Culbert PE.
3. Test Reports listed above by ICC NTA, signed by Troy Bronstad.
4. Supplemental Calculations to support "20201214", 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 14,16, and 26 specifically, including the HVHZ provisions.

Limitations: The Northstar Panel System is approved for use inside and outside of the HVHZ. It is large and small missile impact resistant, shutters are not required in windborne debris regions.

<u>Overall Dimensions:</u>	Maximum Frame Height:	144"
	Maximum Frame Width:	Unlimited
	Maximum Stud Spacing:	24" O.C. for Vertical Studs (alternating single and double studs)
		48" O.C. for Horizontal Studs
	Maximum Panel Dimensions:	96" x 48" (Panels may be installed horizontally or vertically)
	Maximum Design Pressure:	+75/-85 psf (HVHZ) +90/-85 psf (Non-HVHZ)

Other Limitations:

1. Fire classification is not a part of this evaluation.
2. This system is approved for use as a wall cladding system only.
MWFRS design or support for vertical loads is not a part of this review.

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

Thank you,


Scott Wolters
FL PE# 62354
OCT 18 2024

