

Product Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2780-PER, Rev. 1 | Project No. 422-0614 | 9/25/23

Product Manufacturer

New Panel Kits, LLC
510 Paul Morris Drive
Englewood, FL 34223

Product Name, Model and/or Description

8-3/4" OSB Wall, Roof and Floor
Structural Insulated Panel

Code: Current Edition of the Florida Building Code including the 8th Edition (2023) Florida Building Code

Compliance Method: 61G20-3.005(1)(d) – Product Evaluation Report by a Licensed Professional Engineer

Product Testing:

- Blackwater Technical Services Inc. Test Report No. BT-NPH-19-001, signed and sealed by Michael D. Caldwell, FL P.E. No. 49979 on 6/2/22 and addendum letter to Report No. BT-NPH-19-001, dated 12/8/2022. Testing performed to the following.
 - ASTM E1803-99
 - Section 9, diaphragm testing
 - Section 10, uplift panel attachment testing
 - ASTM E330-14, ASTM E1996-14a and ASTM E1886-13a
 - Transverse loading test at 1.5 x design pressure per ASTM E330
 - Impact and cyclic loading at design pressure per ASTM E1886/ASTM E1996.

Product Installation Instructions:

- See Drawing No. NPKIT0001, Original Issue, dated 3/2/23, 8-3/4" OSB Wall, Roof and Floor Structural Insulated Panel, prepared, signed, and sealed by Robert J. Amoruso, P.E.

Engineering Evaluations:

- Engineering Evaluation Report No. 22-58092, dated 3/14/23, prepared, signed, and sealed by Richard Neet, P.E.
- Engineering Evaluation Report No. 2780-CALC, Rev. 0, prepared, signed, and sealed by Robert J. Amoruso, P.E.

Limitations & Conditions of Use:

- This product has been evaluated for use in all areas in the State of Florida except the HVHZ (High Velocity Hurricane Zone).
- This product is Impact Resistance.
- Refer to Product Installation Instructions noted above for:
 - Maximum allowable wind loads at related maximum allowable size(s).
 - Other load limitations applicable to the product, if any.
 - Overall dimensions and material/grade of main product components, accessories, etc.
 - Illustrated diagrams of the attachment of the product to the structure.
 - Anchor type(s), size(s), substrate(s), embedment, edge distance, and spacing/locations when applicable.
- Site wind pressures shall be determined by a licensed professional engineer in accordance with the current edition of the Florida Building Code (and/or ASCE 7 as referenced in the current edition of the Florida Building Code) for components and cladding based on allowable stress design.



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321-690-1788 | FBPE Certification of Authorization No. 25935

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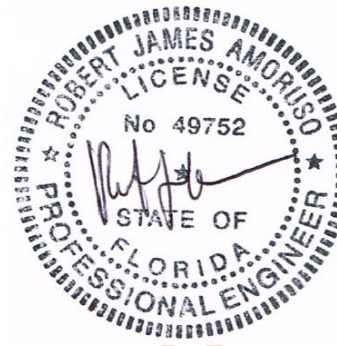
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Certificate of Independence

Product Approval Rule 61G20-3.009

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Digitally signed
by Robert J
Amoruso
Date:
2023.10.06
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Evaluated by:
Robert J. Amoruso, PE
Florida PE License No. 49752



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