

Equivalency Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2649-EER, Rev. 2 | Project No. 422-0910 | 10/14/23 | Page 1 of 2

Product Manufacturer

KP Building Products/CertainTeed
402 Boyer Circle
Williston, VT 05495

Product Name, Model and/or Description

Maxim 8 Inch Board & Batten Vinyl Siding

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

Compliance Method: Product Approval Rule 61G20-3.015(4)(d) – Equivalency of Standards

Product Name, Model and/or Designation: Products covered by this evaluation include the following.

- Maxim 8 Inch Board & Batten

Product Installation Instructions:

- PTC Product Design Group LLC, Drawing No. KPBP0006, Rev. A, dated 10/14/23, by Robert J. Amoruso, P.E., KP Building Products Vinyl Siding – Maxim 8 Inch Board & Batten, Installation Anchorage Details.
- KP Building Products Vinyl Siding Estimating & Installation Guide, KP-EIG21A (101-7383) or later editions.

Test Reports and Performance Testing Standards Used:

1. Molimo Architectural Product Testing, 11410 Eden Road, York, PA 1740
 - a. Report No. 2174.02-106-11, dated 1/15/2020, Maxim 8 Inch Board & Batten, ASTM D 5206-13 – Standard Test Method for Windload Resistance of Rigid Plastic Siding
2. Architectural Testing Inc. Test Report No. 94119.02-106-18, dated 6/1/2010 for KP Building Products Vinyl Siding, materials testing to:
 - a. ASTM D3679-05, Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Siding.
 - b. ASTM D4226-05, Standard Test Methods for Impact Resistance of Rigid Poly(Vinyl Chloride) (PVC).
 - c. ASTM D696-08, Standard Test Method for Coefficient of Thermal Expansion of Plastics Between -30°C and 30°C with a Vitreous Silica Dilatometer.
 - d. ASTM D2457-08, Standard Test Method for Specular Gloss of Plastic Films and Solid Plastics.
 - e. ASTM D2244-09a, Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates.
 - f. ASTM D1929-96 (2000)e1, Standard Test Method for Determining Ignition Temperature of Plastics.
 - g. ASTM D2843-99 (2004)e1, Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics.
 - h. ASTM D635-06, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position.
3. RAD 2132
 - a. ASTM G26-96, Practice for Operating Light-Exposure Apparatus (Xenon-Arc Type) With and Without Water for Exposure of Nonmetallic Materials (Withdrawn 2000, REPLACED BY G155)
 - b. ASTM D638-96, Standard Test Method for Tensile Properties of Plastics



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Equivalency Evaluation:

Test Report Ref. No.	Testing Standards Used		Testing Standards Required by 8th Edition (2023) of the Florida Building Code	
	ASTM Designation	Year	FBC	FRC
1	D5206	13	n/a	n/a
2 & 3	D3679	05	17	17
	D4226	05	n/a	n/a
	D696	08	n/a	n/a
	D2457	08	n/a	n/a
	D2244	09a	n/a	n/a
	D1929	96	16	n/a
	D2843	99	16	n/a
	D635	06	14	n/a
	G26	96	G155-13 (*)	n/a
	D638	96	03	n/a

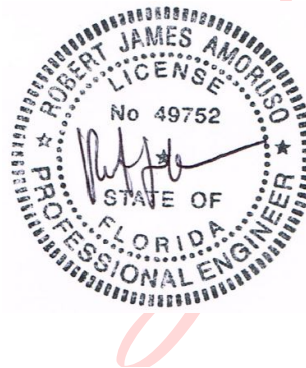
EVALUATION CONCLUSION: Where ASTM revision level differs, the testing requirements have been evaluated to determine if any differences exist that may result in testing outcomes different if based on the revision level required in the 8th Edition (2023) of the Florida Building Code.

- ASTM G155 has replaced ASTM G26. ASTM G26 was reviewed against G155 and found to meet testing requirements of ASTM G155

It was determined that the evaluated product assembly testing is equivalent with the prescribed standards in the 8th Edition (2023) of the Florida Building.

Certificate of Independence per Product Approval Rule 61G20-3.009

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Robert J
Amoruso
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Evaluated By:
Robert J. Amoruso, P.E.
FL P.E. License Number 49752

