

Equivalency Evaluation Report

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Product Manufacturer

Kaycan Ltd.
1 Memorial Drive
Richford, VT 05476

Product Name, Model and/or Description

D6 Ashbury and D6 Richmond 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.

- D6 Ashbury Vinyl Siding
- D6 Richmond Vinyl Siding

Test Reports and Performance Testing Standards Used:

1. Wind Resistance Testing
 - a. Intertek Test Reports, testing to ASTM D5206-13, Standard Test Method for Windload Resistance of Rigid Plastic Siding
 - i. No. 101062628TOR-002, dated 2/20/13, D6 Richmond & D6 Ashbury Vinyl (PVC) Siding
2. Materials Testing
 - a. Architectural Testing Report No. 94119.02-106-18, dated 6/1/10
 - i. ASTM D3679-05, Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding
 - ii. ASTM D635-06, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position
 1. CC1 Rating
 - iii. ASTM D1929-96(2000)e1, Standard Test Method for Determining Ignition Temperature of Plastics
 1. Self-Ignition Temperature = 430°C to 450°C >343°C
 2. Flash Ignition Temperature = 370°C (not code requirement)
 - iv. ASTM D2843-99(2004)e1, Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics
 1. Smoke Density Rating of 37.1 to 40.4 ≤ 75
 - b. Architectural Testing Report No. 55983.01-106-18, dated 3/1/06 (Rev. 1)
 - i. ASTM D3679-01, Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding
 - ii. ASTM D635-98, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position
 1. CC1 Rating
 - iii. ASTM D1929-96(2000)e1, Standard Test Method for Determining Ignition Temperature of Plastics
 1. Self-Ignition Temperature = 454°C to 497°C >343°C
 2. Flash Ignition Temperature = 370°C (not code requirement)
 - iv. ASTM D2843-99, Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics
 1. Smoke Density Rating of 42.1 to 46 ≤ 75



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- v. ASTM G155-00ae1 Weathering Test
 - 1. Passed

Equivalency Evaluation:

Test Report Ref. No.	Testing Standards Used		Testing Standards required by 8th Edition (2023) FBC		Comments
			FBC	FRC	
	ASTM Designation	Year			
1.a	D5206	13	n/a	n/a	Wind load resistance testing required by ASTM D3679 using ASTM D5206. ASTM D5206 not in reference sections of FBC. Standard year used for testing latest at time of testing – therefore acceptable.
2.a	D3679	05	17	17	See EVALUATION CONCLUSION below.
	D635	06	14	n/a	
	D1929	96(2001)e1	16	n/a	
	D2843	99(2004)e1	16	n/a	
2.b	D3679	01	17	17	
	D635	98	14	n/a	
	D1929	96(2000)e1	16	n/a	
	D2843	99	16	n/a	
	G155	00ae1	13	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.

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



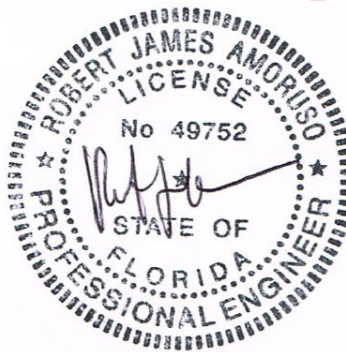
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Certificate of Independence per Product Approval Rule 61G20-3.009

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Evaluated By:
Robert J. Amoruso, P.E.
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