



April 21, 2016

Mr. Nathan Baker
Fleetwood Windows & Doors
1 Fleetwood Way
Corona, California 92879

RE: Equivalence of Published Versions of ASTM E1996

Dear Mr. Baker:

At your request, I have reviewed an ASTM test method standard to evaluate its equivalence to the same test method standard but with a different publication date as referenced by the Florida Building Code. Specifically, I am comparing:

ASTM E1996-12 Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes (2014 FBC Reference Standard) to ASTM E1996-014a Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes.

Our laboratory in Fresno, California, is accredited to perform the above-referenced test methods. I have reviewed and compared the above-referenced test method standards, and it is my professional opinion that the test method standards are equivalent.

Specific changes include: A) deletion of Wind Zone 4 from the body of the standard and creation of Annex X4 to contain the language associated with Wind Zone 4, B) The wind speeds used to define the wind zones changed to reflect changes made in ASCE7. E1996 and its companion document E1886 result in a missile rating and a design pressure rating. The pass/fail criteria and that rating are not affected.

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Tyler Westerling, PE
Senior Project Engineer

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