

August 30, 2023

Mr. Dan Vezo
JELD-WEN, INC.
3737 Lakeport Blvd
Klamath Falls, Oregon 97601

RE: Equivalence of ASTM E1886-05 to ASTM E1886-13a

Dear Mr. Vezo:

At your request, I have reviewed the ASTM test method standard used for your product approvals to evaluate its equivalence to the same test method standard referenced by the Florida Building Code, Building, 8th Edition (2023). Specifically, I am comparing:

ASTM E1886-05 Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials

ASTM E1886-013a Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials. (Reference Standard of 2020 FBC)

Noted differences between the standards include:

1. Deletion of garage and rolling doors from the scope of this standard.
2. Addition of discussion on use of allowable stress design, use of ultimate stress, and conversion of ultimate stress to service load levels.

The noted differences do not affect the test specimen requirements or test methods or diminish the interpretation of results. It is my professional opinion that the standard specifications are equivalent.

MOLIMO, LLC

Michael D. Stremmel, PE
FL PE 65868
FL REG 37122

cc: file