

March 25, 2024

Fred Grunewald  
Quaker Windows & Doors  
P.O. Box 128  
504 Highway 63 South  
Freeburg, MO 65035

Dear Mr. Grunewald,

**Re: C700/C705/W700/W705 Fixed Windows  
Waiver of Retest from #P6494.01-550-44-r1, NAMI Certification Number – NI014507.10-R1**

Intertek conducted a review of test report #P6494.01-550-44-r1 for Quaker C700/C705/W700/W705 Fixed Windows, which was tested per:

- ASTM E1886-13, 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 E1996-17, Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes
- AAMA 506-16, Voluntary Specifications for Impact and Cycle Testing of Fenestration Products
- ASTM E331-00(2016), Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference

The specimen was installed into a wood bucks through a nailfin with #8 x 2" wood/deck screws located 3" from each corner and 15 1/2". Unit size was 60" wide x 99" tall. Design Pressure was +/- 60 psf. Under consideration are Installation Instructions for the following:

- C700/C705 Two Tone Fixed Window, 60" x 99", +/- 60 psf
- C700/C705 One Tone Fixed Window, 60" x 99", +/- 60 psf
- W700/W705 Two Tone Fixed Window, 60" x 99", +/- 60 psf

The test conducted under ASTM E1886-13 is equivalent to -19 version, ASTM E1996-17 is equivalent to -20 version, ASTM E331-00(2016) is equivalent to ASTM E331-00(2023) and all are considered valid. The installation instructions for the above listed product configurations are valid for the same size and design pressure as those in the test. Frame members are equal to or exceed the structural capacity of the tested members. Anchor methods are equal to or exceed the capacity of the tested anchor method. Exterior glass stops may be C705 Bevel Stop or C700 Square Stop.

Yours sincerely,

**Tanya Dolby, P.E.**  
**Manager, Engineering Services**  
**Building & Construction**

