

April 6, 2023

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

Dear Mr. Grunewald,

**Re: C600/C605/W600/W605 Fixed Windows
Waiver of Retest from #M3439.01-201-47-r1
NAMI Certification Number – NI014507.07-R1**

Intertek conducted a review of test report #M3439.01-201-47-r1 for Quaker C600/C605/W600/W605 Fixed Windows, which was tested per:

- AAMA/WDMA/CSA 101/I.S.2/A440-08 *North American Fenestration Standard/Specification for Windows, Doors, and Skylights*
- ASTM F588-14, *Standard Test Methods for Measuring the Forced Entry Resistance of Window Assemblies, Excluding Glazing Impact*

The specimen was installed into a wood bucks through a nailfin with #8 x 1 5/8" wood/deck screws located 3" from each corner and 15"-18". Unit size was 60" wide x 99" tall. Design Pressure was +/- 100 psf. Under consideration are Installation Instructions for the following:

- C600/C605 Two Tone Fixed Window, 60" x 99", +/- 100 psf
- C600/C605 One Tone Fixed Window, 60" x 99", +/- 100 psf
- W600/W605 Two Tone Fixed Window, 60" x 99", +/- 100 psf

The test conducted under AAMA/WDMA/CSA 101/I.S.2/A440-08 are equivalent to later versions including -11, -17, and -22 and are still considered valid. Test conducted to ASTM F588-14 for forced entry is equivalent and valid for ASTM F588-17. 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 C605 Bevel Stop or C600 Square Stop.

Yours sincerely,

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

