

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

15211 97th Road N
West Palm Beach, FL 33412
Ph/Fx: (561) 225-1982

PRODUCT EVALUATION

PRODUCT: REYNAERS CS77 SERIES FIXED WINDOWS – HVHZ (+/- 80 psf)

MANUFACTURER: REYNAERS, INC.
11201 N TATUM BLVD
PHOENIX, AZ 85028

To all concerned,

The CS77 Series Fixed Window, manufactured by Reynaers, Inc. is a single lite aluminum fixed window that may be mulled with other CS77 Fixed Windows. The window has been tested per TAS 201, 202, and 203 by Intertek B&C. with results shown in test report 106315921TOR-003.

Technical Documentation:

1. Drawing "CS77FIX80-HZ" dated 10/15/26, signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Architectural Testing, Inc. signed and sealed by Vinu Abraham, PE.
3. Supplemental Calculations to support CS77FIX80-HZ, signed and sealed by Scott Wolters, PE.

I have reviewed this submittal per the requirements of FAC Product Approval Rule Chapter 61G20-3.005 (4). Based on the limitations listed below and those provided in the documents above, this product meets all the requirements of the 9th Edition (2026) Florida Building Code generally, and chapters 16, 17, 20, and 24 specifically, including the HVHZ provisions.

Limitations: This window is approved for use inside and outside of the HVHZ. It is large and small missile impact resistant, and shutters are required in Windborne Debris Regions. In the HVHZ, only the tempered outer layer for Glass Type 1 may be used more than 30 ft above ground level.

<u>Overall Dimensions:</u>	Maximum Frame Width:	53 3/4"
	Maximum Frame Height:	144 1/4"
	Air Infiltration per TAS 202:	0.01 cfm/ft ² (at 6.27 psf)
	Water Test Pressure per TAS 202:	12 psf
	Maximum Design Pressure:	+/- 80 psf

Glass: Type 1: 1 7/16" Insulated Laminated
1/4" Heat Strengthened or Tempered*
5/8" Air Space (Aluminum Spacer)
1/4" Heat Strengthened
0.090" SentryGlas Interlayer (NOA# 26-0625.02)
1/4" Heat Strengthened

* In the HVHZ, only the Tempered outer lite may be used more than 30 ft. above ground level.

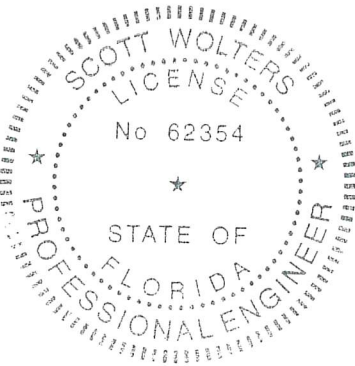
Mullions: Windows may be mulled with other CS77 Fixed Windows using the Reynaers 0060371.51 Aluminum Tube Mullion with 5/8" x 4" steel reinforcing, as shown in the chart on Sheet 4 of CS77FIX80-HZ.

Anchors: See Anchor Chart and details on Sheets 5 and 6 of CS77FIX80-HZ for anchor and fastener requirements.

If you have any questions or need more information concerning this approval please contact me.

Thank you,


Scott Wolters
FL PE# 62354
OCT 15 2026



Digitally signed
by Scott Wolters
Date: 2026.10.15
00:57:06 -04'00'