

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: LIMITED EDITION IMPACT RESISTANT PVC LITE-KIT ASSEMBLY

MANUFACTURER: THE LIMITED EDITION GLASSWORKS, INC.
51 DELTA PARK BLVD.
BRAMPTON, ON L6T 5E7 CANADA

To all concerned,

The Limited Edition Impact Resistant PVC Lite-Kit Assembly, manufactured by The Limited Edition Glassworks Inc, is a glazed PVC frame designed to install in any standard 1 3/4" impact resistant door. The Lite-Kit has been tested per TAS 201, 202, and 203 by Intertek Testing Services NA, with results shown in test reports 3081855 and 102473091COQ-001A.

Technical Documentation:

1. Drawing "LEGW-HZ" dated 8/22/25 (Rev. 1), signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Intertek Testing Services NA, signed and sealed by Rick Curkeet, PE.
3. Supplemental Calculations to support "LEGW-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 8th Edition (2023) Florida Building Code generally, and chapters 10, 11, 16, 23, and 24 specifically, for use outside of the HVHZ.

Limitations: This component assembly is large and small impact resistant. It is approved for use inside and outside of the HVHZ, shutters are not required.

<u>Overall Dimensions:</u>	Maximum Frame Width:	24 5/8"
	Maximum Frame Height:	82 11/16"
	Maximum DLO Width:	20 3/8"
	Maximum DLO Height:	78 3/8"
	Maximum Design Pressure:	+/- 60 psf

Glass: Type 1: 1" Insulated Laminated
1/8" Heat Strengthened
0.090" PVB Interlayer^^
1/8" Heat Strengthened
0.535" Air Space with Alum Spacer
and Decorative Glass Panel
1/8" Tempered

Type 2: 1" Insulated Laminated
1/8" Heat Strengthened
0.090" PVB Interlayer^^
1/8" Heat Strengthened
0.435" Air Space with Alum Spacer
1/4" Tempered

Type 3: 1" Insulated Laminated
1/8" Heat Strengthened
0.090" PVB Interlayer^^
1/8" Heat Strengthened
0.535" Air Space with Alum Spacer
and Wrought Iron Panel
1/8" Tempered

^^ The PVB Interlayer is tested and approved as either Saflex PVB by Eastman Chemical Company (Per NOA# 23-0713.18) or Trosifol PVB by Kuraray America (Per NOA# 24-0205.08).

Frame: PVC Frame members must be White Rigid PVC Exterior Extrusions by Vision Extrusions Limited, per NOA# 24-0618.02.

Fasteners: #8 x 2 1/4" Flanged PHSM Screws, 2: from corners and 7" max O.C.

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

Thank you,



Digitally signed
by Scott Wolters
Date: 2025.08.22
12:54:02 -04'00'