

Product Evaluation Report

Report No.: FL-30470.1

Date: September 28, 2020

Product Category	Sub Category	Manufacturer	Product Name
Windows	Fixed	Smartglass, Inc. 55 Southeast 2nd Avenue, Suite 211 Delray Beach, FL 33444 (561) 900-3348	"KELLER minimal windows" Insulated Fixed Window "Impact"

Scope: Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Smartglass, Inc., based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Dept. of Business & Professional Regulation.

RW Building Consultants and Lyndon F. Schmidt, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

Limitations:

- This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
- When used in areas outside of the "HVHZ" requiring wind borne debris protection, this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of drawing FL-30470.1 require further engineering analysis by a licensed engineer or registered architect.
- This product meets water infiltration requirements for "HVHZ".
- Gaskets and setting blocks shall comply with FBC Section 2411.3.4.
- Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.
- See drawing FL-30470.1 for size and design pressure limitations.

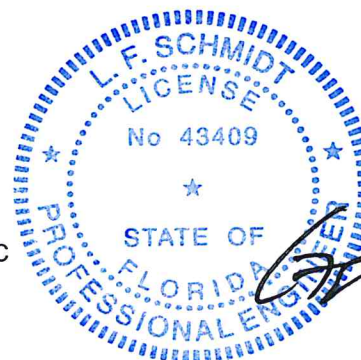
Supporting Documents:

- Test Report No.**
TEL 02252473
TEL 02252474
TEL 02252475
Test Standard
TAS 201, 202, 203-94
AAMA/WDMA/CSA101/I.S.2/A440-11
ASTM E1886-13a / E1996-14a
- Miami-Dade NOA**
17-0808.02
Materials
SentryGlas® Interlayer (Kuraray America, Inc.)
- Drawing No.**
No. FL-30470.1
Prepared by
RW Building Consultants, Inc. (#9813)
- Calculations**
Anchoring
ASTM E 1300 Glass Load
Prepared by
RW Building Consultants, Inc. (#9813)
Lyndon F. Schmidt, P.E.
- Quality Assurance**
Certificate of Participation issued by National Accreditation and Management Institute, certifying that Smartglass, Inc. is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Testing Laboratory
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc.
Signed by
William B. Shelton, P.E.
V.K. Wright
V.K. Wright

Signed & Sealed by
Lyndon F. Schmidt, P.E.

Signed & Sealed by
Lyndon F. Schmidt, P.E.



Lyndon F. Schmidt, P.E.
FL PE No. 43409
9/29/2020