

Envelope Leakage Test Report (Blower Door Test)
Residential Prescriptive, Performance or ERI Method Compliance
2020 and 2022 Supplement Florida Building Code, Energy Conservation, 7th Edition

Jurisdiction: 221200	Permit #: 18918
Job Information	
Builder:	Community:
Address: 889 NW Blackberry Ct	
City: Lake City	State: FL
	Zip: 32055

Air Leakage Test Results

Passing results must meet either the Performance, Prescriptive, or ERI Method

☐ **PRESCRIPTIVE METHOD**-The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding 7 air changes per hour at a pressure of 0.2 inch w.g. (50 Pascals) in Climate Zones 1 and 2.

☒ **PERFORMANCE or ERI METHOD**-The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding the selected ACH(50) value, as shown on Form R405-2020 (Performance) or R406-2020 (ERI), section labeled as infiltration, sub-section ACH50. ACH(50) specified on Form R405-2020-Energy Calc (Performance) or R406-2020 (ERI): 6.000

$$\frac{2,344}{\text{CFM}(50)} \times 60 \div 45233 = 3.11$$

Building Volume ACH(50)

Method for calculating building volume:

☐ Retrieved from architectural plans

☒ **PASS**

☒ Code software calculated

☐ When ACH(50) is less than 3, Mechanical Ventilation installation must be verified by building department. ☐ Field measured and calculated

R402.4.1.2 Testing. Testing shall be conducted in accordance with ANSI/RESNET/ICC 380 and reported at a pressure of 0.2 inch w.g. (50 Pascals). Testing shall be conducted by either individuals as defined in Section 553.993(5) or (7), Florida Statutes or individuals licensed as set forth in Section 489.105(3)(f), (g), or (i) or an approved third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the code official. Testing shall be performed at any time after creation of all penetrations of the building thermal envelope.

During testing:

1. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed, beyond the intended weathersstripping or other infiltration control measures.
2. Dampers including exhaust, intake, makeup air, back draft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures.
3. Interior doors, if installed at the time of the test, shall be open.
4. Exterior doors for continuous ventilation systems and heat recovery ventilators shall be closed and sealed.
5. Heating and cooling systems, if installed at the time of the test, shall be turned off.
6. Supply and return registers, if installed at the time of the test, shall be fully open.

Testing Company

Company Name: E-Calcs Plus, Inc.

Phone: 833-322-5271

I hereby verify that the above Air Leakage results are in accordance with the 2020 7th Edition Florida Building Code Energy Conservation requirements according to the compliance method selected. Digitally signed by Wilfredo Huertas

Wilfredo Huertas

Date: 2024.10.22 16:14:24 -04'00' Date of Test: October 22, 2024

Printed Name of Tester: Wilfredo Huertas

License/Certification #: 5070991

Issuing Authority: BPI