

Envelope Leakage Test Report (Blower Door Test)

Residential Prescriptive, Performance or ERI Method Compliance
2020 Florida Building Code, Energy Conservation, 7th Edition

Jurisdiction: Columbia

Permit #: 50286

Job Information

Builder: William B Self community

Lot:

Address: 701 Timberline Branch Glen

Unit:

City: Lake City

State: FL

Zip: 32925

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 tabulated ACH50 value, as shown on FORM B-03-2020 (Performance) or B-06-2020 (ERI), section labeled as verification, sub-section ACH50. ACH50 specified on form B-03-2020 (Performance) or B-06-2020 (ERI) is: 5.0

1066 x 60 = 20,160 = 3.17
CFM50 Building Volume ACH50

Method for calculating building volume:

☐ Measured from architectural plans

☒ **PASS**

☒ Code software calculated

☐ Field measured and calculated

☐ When ACH50 is less than 3, mechanical ventilation installation must be verified by building department.

ACH50: Testing shall be conducted in accordance with ANSI/ASHRAE 155 and reported at a pressure of 0.2 inch w.g. (50 Pascals). Testing shall be conducted by either individuals as defined in Section 503.99(3)(3) or (7), Florida Statutes, or individuals licensed as set forth in Section 503.99(3)(3), 503.99(4) or (5) 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 air 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 weatherstripping or other built-in control measures.

2. Damper(s) including exhaust, intake, makeup air, back draft and flue damper(s) shall be closed, but not sealed beyond intended weatherstripping control measures.

3. Exterior doors, if installed at the time of the test, shall be open.

4. Exhaust fans for exhaust 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: TC Testing Service LLC

Phone: 386-365-2049

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 above.

Signature of Tester: [Signature]

Date of Test: 1-2-25

Printed Name of Tester: Tanya Skies / Will Skies

License/Certification #: 5050953 / 5059952

Issuing Authority: BPI

