

From: Matt Forsyth
To: Building Code Department
Subject: Residential Blower Door Test
Date: Wednesday, June 25, 2025 11:18:05 AM

External Sender - From: (Matt Forsyth <boc.mforsyth@icloud.com>)
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Envelope Leakage Test Report (Blower Door Test)			
Residential Prescriptive, Performance or ERI Method Compliance			
Florida Building Code 2023, 8th Edition			
Jurisdiction:		Permit #:	
Job Information			
Builder:	Happy Magnet	Community:	Residential
Address:	3896 SW 24th	Unit:	
City:	Laurel	State:	FL
Zip:			
Air Leakage Test Results			
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 ACH50 value as shown on Form MB5- Energy Calc. (Performance or ACH50) (ERI) (ACH50)			
Method for calculating building volume:			
☐ Approved from architectural plans			
☒ Code software calculated			
☐ Field measured and calculated			
When ACH50 is less than 3, Mechanical Ventilation Installation must be verified by building department.			
☒ PASS ☐ FAIL			
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)(a), (b), or (c) 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 weatherstripping 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:		UES Professional Solutions, LLC	
Phone:		352.372.3392	
I hereby verify that the above Air Leakage results are in accordance with the 2023 8th Edition Florida Building Code Energy Conservation requirements according to the compliance method selected above.			
Signature of Tester:		Nicholas Gauthier	
Printed Name of Tester:		Nicholas Gauthier	
License/Certification #:		24099520	
Issuing Authority:		Retrotec	

Sent from my iPhone