

From: Matt Forsyth
To: boc.mforsyth@icloud.com
Subject: Envelope Leakage Test Report and Permit Info
Date: Tuesday, July 11, 2023 8:24:57 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 #: 2020-52575	
Job Information			
Builder:	Yessman's Boys	Community:	Residential
Address:	912 NW Fernway Drive	Unit:	
City:	Lake City	State:	FL
Zip:			
Air Leakage Test Results			
Passing results must meet either the Performance, Prescriptive, or ERI Method			
<input checked="" type="radio"/> PERFORMANCE 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.			
<input type="radio"/> 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 R405- (Performance) or R405- (ERI) section (ERIL section labeled as infiltration, sub-section ACH50 specified on Form R405- (Performance) or R405- (ERI)).			
$\frac{1176}{\text{CFM}50} \times 60 = \frac{14,688}{\text{Building Volume}} = \frac{4.83}{\text{ACH50}}$			
Method for calculating building volume: <input type="radio"/> Reported from architectural plans <input checked="" type="radio"/> Code software calculated <input type="radio"/> Field measured and calculated			
<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL			
<input type="checkbox"/> When ACH50 is less than 3, Mechanical Ventilation Installation must be verified by building department.			
Testing: Testing shall be conducted in accordance with ANSI/ASHRAE 98.1 and reported as a pressure of 0.2 inch w.g. (50 Pascals). Testing shall be conducted by either individual or 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 measures. 2. Exhaust fans, range hood fans, and other mechanical exhaust fans 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, if installed at the time of the test, 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			
UES Professional Solutions, LLC Phone: 352.372.3392			
Company Name: UES Professional Solutions, LLC Phone: 352.372.3392			
I hereby verify 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 Gaudier Date of Test: 7.8.25			
Printed Name of Tester: Nicholas Gaudier			
License/Certification #: 24099520 Issuing Authority: Retrolec			

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