Envelope Leakage Test Report (Blower Door Test)

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

Jurisdiction: Columbia County, Florida Permit #: 43222							
ob Information							
Builder: Morey Doyle Community: Reserve at Jewel Lake Lot: 22							
Address: 137 SW Bre Lane Unit:							
City: Lake City State: FL Zip: 32024							
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):							
CFM(50) x 60 ÷ 12986 = 5 · 39 Building Volume ACH(50) Method for calculating building volume; Retrieved from architectural plans Code software calculated When ACH(50) is less than 3, mechanical ventilation installation must be verified by building department.							
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 Statues, 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 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: Airtight Testing LLC Phone: 386-365-3203 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: Any Bedinbaugh Date of Test: 9-19-22							
Printed Name of Tester: Amy Bedenbaugh							
License/Certification #: 5064331 Issuing Authority: BPI							



CLIMATE PRO® B-7700

FIBERGLASS BLOWING WOOL INSULATION

ATTIC COVERAGE

Address 137	SW 1	Biel	ane						
CITY Lake C	ity_		STATE FC			ZIP	ZIP		
RECORD OF INST	ALLATION	r							
BLOWING WOOL					BATTS AND ROLL S				
New Construction		If Retrofit:				R-VALUE	THICKNESS	AREA INSULATE	
□ Retrofit Depth of F		Depth of Prev	vious Insulation	in.	Ceilings		in.	sq. f	
		Estimated R-	R-value of Previous Installation				in.	sq. f	
		Types:of Prev	evious Insulation in Attic		Walis		in.	sq. ft	
Thickness of Insulation 13.5 in.					TTUILO		in.		
		3						sq. ft	
R-value of Insulation 38					Floors		in.		
					1		in.	sq. ft	
R-VALUE (hr•sq.ft.•°F/BTU)	MINIMUM I THICKN		SETTLED THICKNESS (in.)	BAGS PER 1,000	SQ. FT.	MAXIMUM COVERAG	E* MI	NIMUM WEIGHT (lbs./sq.ft.)	
(hresq.ft.e°F/BTU) To obtain an insulation	THICKNI Installed i	ESS (in.)		Minimum num bags per 1,000	ber of		E* MI g) is bag The		
(hr•sq.ft.•°F/BTU)	THICKN	ESS (in.)	(in.) Expected thickness	Minimum num	ber of sq.ft.	COVERAG (sq.ft./bag Contents of th	E* Milis bag The over of in	(lbs./sq.ft.) weight per sq. ft. astalled insulation	
(hresq.ft.e°F/BTU) To obtain an insulation resistance (R) of:	installed in should not b	nsulation e less than:	(in.) Expected thickness after long-term settling has occured: 4.25	Minimum num bags per 1,000 of net area	ber of sq.ft.	COVERAG (sq.ft./bag Contents of th should not co more than 215.9	E* Milis bag The over of in	(lbs./sq.ft.) weight per sq. ft. estalled insulation ild not be less than 0.15	
(hr•sq.ft.•°F/BTU) To obtain an insulation resistance (R) of: 11 13	Installed in should not b	nsulation e less than:	(in.) Expected thickness after long-term settling has occured: 4.25 5.00	Minimum num bags per 1,000 of net area 4.6 5.5	ber of sq.ft.	COVERAG (sq.ft./bag Contents of th should not co more than 215.9 181.3	E* Milis bag The over of in	(lbs./sq.ft.) e weight per sq. ft. estalled insulation lld not be less than 0.15 0.17	
(hr•sq.ft.•°F/BTU) To obtain an insulation resistance (R) of: 11 13 19	Installed in should not b	e less than:	(in.) Expected thickness after long-term settling has occured: 4.25 5.00 7.00	Minimum num bags per 1,000 of net area 4.6 5.5 8.0	ber of sq.ft.	COVERAG (sq.ft./beg Contents of th should not comore than 215.9 181.3 125.4	E* Milis bag The over of in	(lbs./sq.ft.) e weight per sq. ft. estalled insulation eld not be less than: 0.15 0.17 0.25	
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COMPANY _____ ADDRESS _____ PHONE ____