



CITY OF WEST PARK
BLOWER DOOR TEST / ENERGY PERFORMANCE
LEVEL ~ NEW SFR REQUIREMENT

BLOWER DOOR TEST REQUIREMENT:

Attention Contractor or Owner Builder:

Blower Door Testing is now a requirement in the Florida Building Code for residential units. This became effective July 1, 2017 per Florida House Bill 535. Any applicable permits being reviewed as of July 1, 2017 shall have blower door testing per Florida Building Code Energy Conservation R402.4.1.2 as part of the inspection process.

Applicable permits: Residential; R-2, R-3 and R-4 buildings 3 stories or less above grade plane. You are hereby noticed of your requirement to comply with the present code for this project. Blower door testing is required for permits submitted from July 1, 2017 to present and shall be performed after creation of all penetrations of the building envelope. Testing shall be conducted by an approved third party and a written report shall be submitted to the building department by such agency prior to issuance of certificate of occupancy.

ENERGY PERFORMANCE LEVEL

R401.3 ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD (MANDATORY)

The building official shall require that an energy performance level (EPL) display card be completed and certified by the builder to be accurate and correct before final approval of the building for occupancy. Florida law (Section 553.9085, *Florida Statutes*) requires the EPL display card to be included as an addendum to each sales contract for both presold and nonpresold residential buildings. The EPL display card contains information indicating the energy performance level and efficiencies of components installed in a dwelling unit. The building official shall verify that the EPL display card completed and signed by the builder accurately reflects the plans and specifications submitted to demonstrate code compliance for the building. A copy of the EPL display card can be found in Appendix RD.



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Envelope Leakage Test Report (Blower Door Test) R402.4.1.2 Compliance

Permit #:

Job Information

Builder: _____ Community: _____ Lot: _____
Address: _____ Unit: _____
City: _____ State: FL Zip: _____

Air Leakage Test Results *Passing results must be 7 ACH(50) or less*

_____ x 60 ÷ _____ = _____
CFM(50) Building Volume ACH(50)

PASS

FAIL

Method for calculating building volume:

- Retrieved from architectural plans
 Code software calculated
 Field measured and calculated

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

Certification of Test Results

R402.4.1.2 Testing. The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding 7 air changes per hour in Climate Zones 1 and 2, 3 air changes per hour in Climate Zones 3 through 8. Testing shall be conducted with a blower door at a pressure of 0.2 inches w.g. (50 Pascals). Testing shall be conducted by either individuals as defined in Section 553.993(5) or (7), F.S. or individuals licensed as set forth in Section 489.105(3)(f), (g), or (l) 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*.

Testing Company

Company Name: _____ Phone: _____

I hereby verify that the above Air Leakage results are in accordance with the 5th Edition Florida Building Code Energy Conservation requirements Section R402.4.1.2, Climate Zone 1 and 2.

Date of Test: _____

Signature of Tester: _____

Printed Name of Tester: _____

License/Certification #: _____ Issuing Authority: _____