



ACH50 is CFM at 50 pascals times 60, divided by the volume. A sticker on the air handler is not the test.

Original Masterbuild PE packet. Not a copy of the County Envelope Leakage Test Report. Public-domain identity: air changes per hour at 50 pascals (ACH50) = $\text{CFM}(50) \times 60 \div \text{building volume}$. Confirm the adopted Florida Building Code, Energy Conservation edition on the live County form the day you test — the header and the tester certification line have not always named the same edition.

What the County form is asking

☐ **Prescriptive path, Climate Zones 1 and 2: not exceeding 7 ACH50 at 0.2 inch water gauge (50 pascals).**

That is the County-published prescriptive ceiling on the live form. Performance or Energy Rating Index (ERI) uses the ACH50 from the energy calculation — not 7 by default. Pick the path that is actually on the energy forms.

☐ **When ACH50 is less than 3, mechanical ventilation is verified by the building department.**

A tight house without a designed outdoor-air path is the next comment. See Masterbuild's ventilation and return-air hubs. This packet does not size the fan.

☐ **Test to ANSI/RESNET/ICC 380. Tester licensed under Florida Statutes 553.993, or an approved third party. Written results**

After all envelope penetrations exist. Not a mid-rough parlor test you hope will still pass at CO.

During the test (County-published setup)

☐ **Exterior windows and doors, fireplace and stove doors closed, not extra-sealed. Exhaust, intake, makeup, backdraft and**

If the crew tapes the house into a different building, the number is not the house. Volume: architectural plans, code software, or field-measured — name which one.

The fail we see first

Prescriptive 7 ACH50 assumed on a performance job, HVAC left running, attic hatch open, and ACH50 came in under 3 with no mechanical ventilation on the drawings. Retest plus a ventilation comment.

What to send

Energy path (prescriptive / performance / ERI), the ACH50 target if you have it, and whether mechanical ventilation is already on the drawings. We will say whether the envelope number and the outdoor-air path still disagree.

Send the comments. Not the County guideline.

Folio (does it start with 30?), process or UP number, and the comments PDF. Masterbuild will say which row is actually open.

masterbuildconsulting.com/send/

+1 (786) 398-6940 · Calendly: 30-minute scoping call

Masterbuild provides engineering services under a written scope. Nothing in this packet is a blower-door test, an energy compliance form, or a representation about passing. Confirm the live County envelope-leakage form and the adopted energy edition. This is not legal advice.