

Orr Residence Air Infiltration Report



Test Date: January 8th, 2019
Builder: Scott Orr
Site Address: 205 Rac Jac Way, Breckenridge
Site Visit By: Jason Weingast

Background

The project goal is to undergo testing at the final point in construction to determine if the unit meets the 2012 IECC requirements for infiltration. Active Energies was contracted to perform a final blower door test to determine total air infiltration. The home is permitted under Eagle County, CO and requires blower door testing per the IECC. The blower door testing must show a tested value of 3 ACH₅₀ or lower in order to comply with the IECC.

Site Observations

Construction of the building envelope was complete. All exterior openings were shut and locked and interior doors were open. One dryer vent and main range hood vent were tapped off. The blower door test was performed in the door adjacent to the garage and on the apartment door. The pressure probe was placed outside.

Blower Door Test

The unit was depressurized, utilizing blower door testing equipment to a pressure of -50 Pa. At the test pressure, the CFM₅₀ was recorded, in order to determine the ACH₅₀.

The blower door air leakage resulted in the following measurements: 1.45ACH₅₀

Please call with any questions or concerns.



Jason Weingast

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