

Air Infiltration Sealing Strategy

Goal is to achieve less than 2.0 ACH50 blower test result

I have put down some measures I would like incorporated to achieve this goal based on my research, but need your expertise for methods to achieve this goal. The strategy is to put the most effort into creating an air barrier at the sheathing plane.

Air Sealing Actions

Gasket Bottom Plate to Slab. Foam seal under bottom plate as well.

Seal Top Plate to Drywall at Attic

Tape all drywall seams even unexposed (ie, master shower wall, behind cabinets)

Seal air leaks from Garage to living space, pay attention to sealing bottom of drywall to bottom plate and top of drywall. Need to use latex paint in garage as well as we are trying to create a drywall air barrier from the living space.

Top Plate to sheathing

Bottom Plate to sheathing

Tape house wrap seams

Seal all electrical and plumbing penetrations

Foam seal duct and exhaust fan penetrations

Surface mount LED lights to be used in place of can lights, to be sealed to be air tight per installation instructions.

Tape window openings, foam seal window and doors

Tape Plywood (or OSB) sheathing seams

Examples of tape

[Grace Vycor](#)

[3M 8067](#)

[Huber ZIP system flashing tape](#)

Bang for Your Air-Sealing Buck

● Big Bang ● Medium Bang ● Small Bang

