

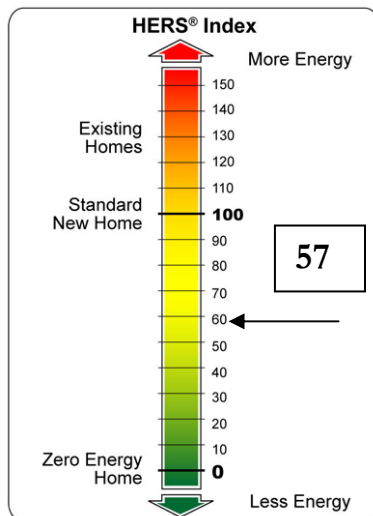
Binger Construction
101 Nob Hill Suite 200 Madison, WI 53713

Re: Final Performance Testing Summary Report 9413 Silverstone Lane Madison, WI 53593

All Focus on Energy and Green Built Home standards have been met! The files for this home will be sent to Focus and GBH for final QC and certification processing. See below for a summary.

Nice Job – no notable issues.

Please don't hesitate to call or email with questions!
Laura Paprocki - 332-5609



**HERS Index (0-100 0 is a net zero home)
Your Index: 57**

More efficient than WI code: 26.1%

GREEN BUILT HOME SCORE

GBH requirement 60 or higher

Your score: 138

PERFORMANCE RESULTS

Ventilation requirements

Required bath fan performance: 50

Actual bath fan performance: 75

Half Bath: 55 CFM measured

Main Bath: 65 CFM measured

Master Bath: 75 CFM measured

Overall house tightness

Required blower door: 1277 CFM@ 50 or lower

Actual blower door: 595 CFM@50

Required Tightness .20 of surface area

Actual Tightness .09 of surface area

Percent better than Focus on Energy requirement = 53%

Natural Air Exchanges per Hour in winter: .09

That means that only 9% of the total inside air volume exchanges with outside air every hour. That means less drafts, more comfortable living – AND energy efficient!

Estimated annual heating costs: \$549

Infrared photos from final site visit found on following page for reference.

DONE

- Standard (required): Full foundation insulation
- Standard (required): Sealed sump pit.
- Standard (required): Spot ventilation: 100 cfm kitchen range exhaust, 20 cfm continuous, or 50 cfm intermittent in high moisture rooms. All ventilation equipment is required to be ducted to the outside.
- Standard (required): All combustion appliances must be either direct vent, power vent, or ‘closed’ combustion.
- Standard (required): One carbon monoxide detector (integrated, plug-in, or hardwired) required for each floor with a bedroom.
- Standard (required): Building tightness must be ≤ 0.20 CFM per square foot of building shell at 50 Pascals.
- Standard (required): Whole house ventilation standard requirement for this house is ventilation with the capacity to comply with ASHRAE 62.2. That means a bath fan rated for continuous use that is measured to meet the performance requirement and has a remote switch outside of the bathroom labeled whole house ventilation.
- Standard (required): Insulated and gasketed attic access hatch. Any attic access hatch in the conditioned space must be insulated to a minimum R 20 with a perimeter edge gasket. The insulation must be permanently attached to the access hatch.
- Standard (required): Sealed Plumbing rough-in: Any plumbing “rough in” in the slab must be completely air sealed. Rigid foam or Oriented Strand Board cut to fit and caulked in place are acceptable methods of air sealing.
- Standard (required): 10% Percent better than WI Code
- Standard (required): In slab-on-grade construction, the concrete slab between the conditioned space and unconditioned space shall be thermally isolated with a minimum R-5 thermal break. Slab-on-grade construction can be defined as a home without a basement or crawl space and excludes concrete steps and porches.

