

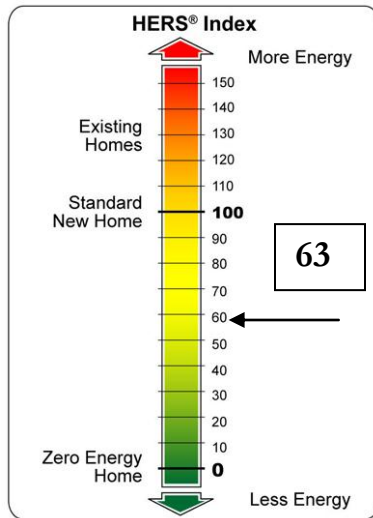
Binger Construction
101 Nob Hill Suite 200
Madison, WI 53713

Re: Final Site Visit 2005 Hawks Ridge Dr. Verona, WI 53593
Rating 159-0710

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.

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

PERFORMANCE RESULTS



HERS Index: 63
More efficient than WI code: 31.8 %
Focus on Energy program average: 27.8%



GREEN BUILT HOME
GBH requirement 60 or higher
Your score: 138

Ventilation requirements

Whole house required ventilation rate: 64

Whole house tested ventilation rate: 64

Half Bath: 64 CFM measured

Main Bath: 48 CFM measured

Master Bath: 60 CFM measured

Lower Bath: 47 CFM measured

Based on the overall tightness of this home and its size, the mechanical ventilation system would need to operate 24 hours per day to meet ASHRAE 62.2. ASHRAE 62.2 is the indoor air guidelines for residential buildings. It recommends and calculates air turn over in the house based off number of bedrooms and finished square footage.

Overall house tightness

Whole house infiltration maximum (blower door): 1663 CFM@ 50 or lower

Whole house infiltration tested (blower door): 530 CFM@50

Required Tightness: .20 (as a percent of overall surface area of house)

Actual Tightness: .06

Focus on Energy program average: 0.14

Percent better than Focus on Energy requirement = 68%

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.