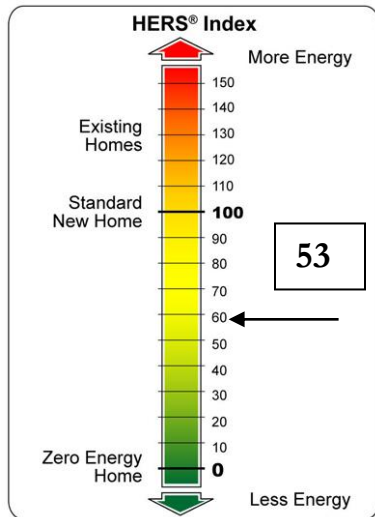


Binger Construction  
101 Nob Hill Suite 200  
Madison, WI 53713

Re: Final Performance Testing Summary Report 2720 Turnstone Cir Fitchburg

**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



**HERS Index (0-100 0 is a net zero home)  
Your Index: 53**

**More efficient than WI code: 37.6%  
FOE program average: 27.8%**



**GREEN BUILT HOME SCORE**

GBH requirement 60 or higher  
**Your score: 138**

# PERFORMANCE RESULTS

## Ventilation requirements

Whole house required ventilation rate: 65

Whole house tested ventilation rate: 80

Main Bath: 60 CFM measured

Master Bath: 80 CFM measured

Based on the overall tightness of this home and its size, the mechanical ventilation system = bath fan in master would need to operate 20 hours per day or 80% of the time 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): 1441 CFM@ 50 or lower

Whole house infiltration tested (blower door): 854 CFM@50

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

Actual Tightness: 0.12

Focus on Energy program average: 0.14

Percent better than Focus on Energy requirement = 41 %

## 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  $\leq 0.20$  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.