

OUR ECOSMART PROGRAM

Southern Development Homes EcoSmart homes give you industry-leading comfort, energy efficiency, healthy air, and superior durability.

Each home receives a **HERS score** for energy efficiency, using over 40% less energy (on average) than typical new homes from just a few years ago.

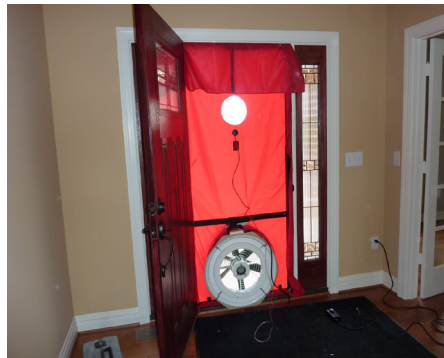
Third party inspectors verify and test each house to meet **over 100 green building criteria** so you enjoy more comfort, less maintenance, lower utility bills, enhanced indoor air quality and added resale value without any extra effort.

Air tightness of the home (**blower door test**), indoor air quality, appliance efficiency, and **duct tightness** are just a sampling of the various areas tested under our EcoSmart program.

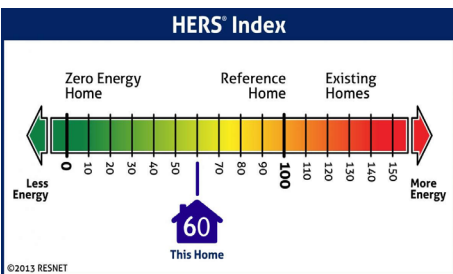
Southern Development's homes undergo more in depth testing than any other builder in the Central Virginia area which translates to increased peace of mind for our homeowners, now and for years to come.



DUCT TIGHTNESS TEST



BLOWER DOOR TEST



HERS RATING SCORE CARD
(SDH Average HERS Score of 60 in 2015)



INFRARED CAMERA INSULATION TEST

Green Building Included Features:

- High efficiency HVAC with up to 97% efficient, Energy Star® gas furnace and 15 SEER A/C units by Carrier
- Ecobee® Smart SI Wi-Fi enabled programmable thermostats
- Energy Star® GE® GeoSpring hybrid water heater
- Energy Star® dual-pane windows with low-E coating and argon gas fill
- Energy Star® appliances by GE®
- Draft-free construction is tested to exceed state energy standards for air-tightness, typically by at least 25%
- Insulated and mastic-sealed ducts are tested to exceed state energy standards for air-tightness to ensure heating and cooling is delivered to your home...not to the outdoors.
- Low-emission materials including low-VOC paint, formaldehyde-free subfloor, laminates and insulation, Green Label certified carpet/pad, low-VOC hardwood floor
- MERV 11 rated media filtration system removes at least 85% of allergens, bacteria and particulates as small as 0.3 microns...that's 33 times smaller than a spec of dust!
- Fresh outdoor air circulation and moisture prevention ventilation system
- Prepainted HardiePlank® siding, window trim and corner boards with 15-year ColorPlus warranty*
- Front porches constructed with TREX Transcends® decking with 25-year warranty*
- 20-point water / moisture control checklist ensures a dry building from top to bottom

All information subject to change. *Some included features vary by community, homestyle, or elevation. Last updated February 2016.