



Environments For Living Certified Green® program

This checklist is designed to highlight some of the features of a home built to the requirements of the *Environments For Living® Certified Green* program - Features designed to provide you with more comfort and energy-efficient benefits than a conventional, code-built home.

Features of a home built to the specifications of the <i>Environments For Living Certified Green®</i> program	Other Homes
✓ EcoevaluationSM Plan Review - A process of evaluating the energy, environmental and economic impact of the construction of a new home.	
✓ Tight Construction - Special framing techniques such as continuous air barrier and air sealing of penetrations help reduce internal leaks and drafts.	
✓ Improved Thermal Systems - Enhanced insulation techniques help to minimize voids and gaps, and higher thermal properties (R-value) add to energy efficiency.	
✓ Sealed Ducts - Air sealing supply and return duct connections can help reduce internal leaks.	
✓ Low-E Windows - Low "emissivity" windows have protective coatings to help keep heat in during winter and out during summer.	
✓ Right-Sized HVAC - "Right-sized" heating and cooling systems and sealed air ducts help equipment work efficiently. "Right-sized" refers to the process of determining which HVAC system should be used in any particular structure.	
✓ Energy-Efficient Lighting - At least 60% of all hard-wired lights must be compact fluorescent or LED, reducing overall home energy consumption.	
✓ Internal Moisture Management - Vents, pressure balancing, and fresh air ventilation work to reduce moisture in multiple ways.	
✓ Fresh Air Ventilation - Fresh air ventilation systems deliver filtered fresh air at a minimum rate of 7.5 cubic feet per minute per person plus .01 cubic feet per minute per square foot of conditioned area, to help reduce dust, odors and indoor contaminants.	
✓ Enhanced Filtration Systems - All filters must have a Minimum Efficiency Reporting Value (MERV) of eight or greater or an approved electronic air cleaner.	
✓ Optimum Value Engineering - Special framing techniques reduce lumber requirements and material use, while maintaining structural integrity.	
✓ Internal Water Management - Use of low-flow shower heads, low-flow faucets high efficiency toilets, and high-efficiency dishwashers and clothes washers can help reduce overall internal household water consumption.	
✓ Energy-Efficient Appliances - Appliances must be ENERGY STAR® qualified. The appliance package must include energy-efficient refrigerators, dishwashers and clothes dryers.	
✓ Combustion Safety - Combustion appliances in conditioned spaces are sealed or power-vented to help avoid build-up of carbon monoxide, and vent-free fireplaces are not allowed. Carbon monoxide detectors are required in all homes.	
✓ Air Pressure Balancing - Balanced air pressure throughout the home results in more even temperatures and reduces the potential for condensation build-up.	
✓ Testing Protocol - Program testing requirements for air tightness, duct tightness, and pressure balancing.	
✓ Improved Energy Efficiency - Homes built to program specifications will be at least 20% more energy efficient than homes built to the 2009 International Energy Conservation Code.	
✓ Limited Heating and Cooling Energy Use Guarantee* - Relates to the amount of energy required to heat and cool your home.	
✓ Certificate of Compliance - A certificate stating the builder constructed the home according to the Environments For Living Certified Green program standards and an estimate of the reduction of carbon dioxide emissions attributable to the home.	
✓ Limited Comfort Guarantee* - Relates to your ability to maintain an even temperature through your house.	

* For more information about the Limited Heating and Cooling Energy Use Guarantee and the Limited Comfort Guarantee, visit environmentsforliving.com.