

Continued from www.actionbuildersinc.com Green Homes page

5 areas to Green Building are:

- Energy Efficiency improvements such as high levels of insulation, efficient HVAC systems, high-performance windows, and energy efficient appliances and lighting.
- Water Conservation such as water-efficient appliances and fixtures, filtration systems, and drought resistant or low-maintenance landscaping.
- Resource Conservation using materials and techniques such as engineered wood and wood alternatives, recycled building materials, sustainably harvested lumber, and more durable products.
- Indoor environmental quality considerations such as effective HVAC equipment, formaldehyde-free finishes, low-allergen materials, and products with minimum off-gassing or low volatile organic compounds (VOCs).
- Site design planning such as minimizing disruption, preserving open space, and considering the direction of sunlight and wind.

Green Features We Offer

The list of green products that can be incorporated into a new custom home is endless. Of course, your home budget needs to be taken into consideration when deciding how green to go in your new home. The list below is some green products we have installed in our custom homes (listed in no particular order):

| | |
|--|---|
| Conditioned crawl space | Reflective shingles |
| Conditioned attic space | Low VOC HP subfloor, LVLs, and I-Joists |
| Tech Shield roof decking | Occupancy sensors |
| Tankless water heaters | Compact fluorescent lighting |
| Foam insulation (open and closed) | LED lighting |
| Hybrid insulation | Low flow shower heads |
| Blown fiberglass insulation | Low / No VOC paint |
| Geothermal | Insulated Concrete Forms (ICF) |
| Passive radon systems | Energy Star appliances |
| High efficiency heating & cooling system | Low volume sprinkler heads |
| Low-E windows | Multi-function modular timer sprinkler |
| Indoor air quality fresh air exchange system | Dehumidifier |
| Insulated garage doors | |

If you are interested in a green product and do not see it listed above, please let us know. If we are not already familiar with your product, we would be glad to research it and price it for your new custom home. We are always interested in learning about new green products being introduced.

How Does Green Building Benefit My Family?

Your green home can be a more comfortable home with better airflow that makes it easier to maintain a uniform temperature throughout the home.

A green home can offer a healthier living environment thanks to better protection from outside pollutants and allergens. Most homes have dust, but a green home can be equipped with central air conditioning and electrostatic dust filters.

Additional health benefits may be derived from the use of less toxic materials resulting in reduced off-gassing of chemicals.

Your green home can be 20-30% more energy efficient which can reduce your monthly utility bills.

Energy Star Certified Homes

To earn the energy star rating, a home must meet guidelines for energy efficiency established by the EPA. These homes include energy-saving features that typically make them 20-30% more efficient than a standard home.

The five areas that an Energy Star qualified home can include a variety of the following:

- effective insulation
- high-performance windows
- tight construction and ducts
- efficient heating & cooling equipment
- efficient products

For more information go to www.energystar.gov.

Each home Action Builders builds has the basics to qualify for Energy Star certifications. They can be 15% more energy efficient than a standard home with the potential to be 20-30% more efficient.