



Bay Point Home Green Options

A green home uses less energy, water and natural resources and creates less waste.

Insulation

Insulation in the home is one of the most important components of energy efficiency. Bay Point Homes LLC offers Nuwool blown-in cellulose dense-pack insulation. Nuwool is an engineered energy-saving insulation that is composed of 85% post-consumer recycled newspapers and it offers superior thermal and air infiltration properties. Cellulose dense pack insulation provides up to 40% savings on the homeowners heating bill compared to conventional insulation materials like fiberglass.

Lighting Systems

High performance lighting systems are a standard in each modular - home because nearly 20% of household electricity is used for lighting, and our ENERGY STAR® fixtures use two thirds less energy than traditional lighting.

Wall Systems

We also offer several high performance wall systems that result in less thermal bridging. This reduces unnecessary wood in the wall and adds an exterior insulated skin. We measure wall performance beyond the rating system that is listed on a bag of insulation. This is known as Whole Wall Thermal Performance and reflects how all the design and all the components in a wall work to give a total R-value. A typical 2x6 wall may have a fiberglass batt insulation of R-19 and the performance rating may only be R-12. Our standard wall has an insulation rating of R21.0 and a Whole Wall Thermal Performance of R18, a 50% improvement. Optional wall systems can increase the Whole Wall Performance to R32.

Doors & Windows

We use high performance energy efficient windows, which is very important when it comes to windows and doors because they are responsible for most of your heat lost. Our door and window headers are insulated and solid foam blocks are used to insulate the floor rims. Our homes are randomly scanned with an infrared camera.

Always green...

- Domestic Solar Hot Water Systems
- Radiant Floor Heating by Warm Board
- Programmable Thermostats
- Window Upgrades and More!

All our homes are energy efficient – not just an option! Each home is designed and built with energy efficiency in mind. Attention to details like floorplans, component features, lighting and heating are part of the process that help build our custom modular homes.



Energy Star is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices.

This program was first administered by the Clinton Administration in 1992. Australia, Canada, Japan, New Zealand, Taiwan and the European Union have also adopted this program.

Bay Point Homes LLC., is dedicated to building the most *green energy efficient home* possible!