



# SOUTHEASTERN FAMILY HOMES

*"Environmentally conscious with energy efficiency built in!"*

---

- **Radiant Barrier Roof Sheathing** - Radiant barriers are installed, usually in attics, primarily to reduce summer heat gain, which helps lower cooling costs. The barriers consist of a highly reflective material that reflects radiant heat rather than absorbing it. It can help reduce energy consumption and can save the homeowner up to 17% per month on air conditioning costs.
- **Low-E windows and doors** - Low-emissivity (Low-E) coatings on glazing or glass control heat transfer through windows and doors with insulated glazing. Windows and doors manufactured with Low-E coatings typically cost about 10%-15% more than regular windows, but they reduce energy loss by as much as 30%-50%.
- **HVAC 14 SEER** - After finalizing a seven-year public review process, the Clinton Administration improved the air conditioner efficiency standard from 10 Seer, which was established by Congress in 1987, to 13 Seer. The change from 10 SEER to 13 SEER represented a 30% improvement in energy efficiency. This took effect in 2006.
- **Natural Gas Heating** - During the heating season, clean natural gas is used to heat the home and reduce electrical consumption. Natural gas furnaces can last longer than electric heat pumps and deliver heat up to 25° F warmer.
- **Home Sealing Program** - Sealing duct work with Mastics saves energy by preventing heat gain or loss and provides a permanent, air tight, flexible bond. By sealing your ducts and reducing the amount of energy necessary to comfortably heat or cool your home, it can reduce the amount of air pollution generated. We also seal the sill plates and all penetrations for a tight and energy efficient home.
- **Programmable Thermostats** - The average household spends more than \$2,200 a year on energy bills - nearly half of which goes towards heating and cooling. Homeowners can save about \$180 a year by properly setting their programmable thermostats and maintain those settings.
- **Insulation** - Performance of insulation is measured in "R-Value" where "R" stands for resistance. Our building code requires R-30 insulation in the attic space. Using R-38 insulation can keep a home 5-8 degrees cooler in the summer months compared to the R-30 insulation. R-11 is typical in exterior walls and SEFH insulates with R-13.
- **Energy Star® Appliances** - An appliance receives the Energy Star® rating if it is significantly more energy efficient than the minimum government standards, as determined by standard testing procedures. Energy Star® rated products are always among the most efficient available today. Energy Star® qualified appliances save up to \$80 a year in energy costs compared to standard appliances.