

## *Sukonik Green Building / Energy Efficiency*

- ◆ *RESCheck Compliance Analysis Report completed for every home we build*
  - Shows the percentage **above code for Thermal Efficiency** for each house as compared to current PA Energy Codes specific to Limerick area
  - Actual percentage above code will be significantly higher since this software is only based on thermal efficiency and does not show the benefits of the air sealant package, AFT or upgrades to HVAC equipment
- ◆ *Advanced Framing Techniques (AFT)*
  - Yields 20-30% **more insulated area** within the exterior walls
  - Insulated Headers (most locations)
  - **Conserves natural resources** and energy usage
- ◆ *Air Sealant Package*
  - 30% **less air leakage** than permitted by codes
  - **Increases comfort** inside the house
  - **Saves on heating and air conditioning** bills conserving energy and natural resources
- ◆ *HVAC System*
  - 95% Efficient Gas Forced Air Heater (current code minimum is 80% efficient furnace)
  - 16 SEER Air Conditioner (current code is 13 SEER minimum air conditioner)
  - High Efficiency Media Air Filters – traps more airborne particles for **healthier indoor air quality**
  - Programmable thermostats allows for more energy efficient use of your HVAC system
  - Saves 40% on HVAC energy bills versus code minimum **conserving energy** and natural resources
- ◆ *Low-E Windows with Argon*
  - 10% more energy efficient than Low-E alone
  - 10% **more energy efficient than Pennsylvania's Energy Codes**
  - Increasing window efficiency yields the highest percentage gain in thermal efficiency in the building envelope
- ◆ *SFI (Sustainable Forestry Initiative)*
  - Most of the wood products used in our houses are stamped by SFI or resource conservation methods
  - **Conserving natural forest lands**, use of sustainably grown wood and use of less framing materials