



**DOING OUR PART  
FOR A GREENER EARTH**

## **BENTLEY GREEN**

Is Available At  
These Bentley  
Communities...

Belrose

Saranac

Edgehill

Valley Park

Kinterra

Whitegate

Saybrook

Worthing

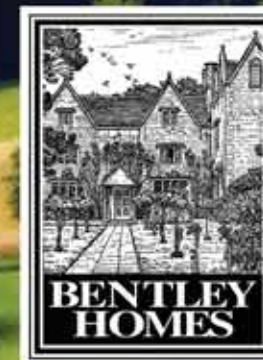
Bentley  
By Design

**BENTLEY HOMES** | 1595 Paoli Pike, West Chester, PA 19380

610-436-5500 | [www.bentleyhomes.com](http://www.bentleyhomes.com)



**DOING OUR PART  
FOR A GREENER EARTH**



**BENTLEY HOMES**



## DOING OUR PART FOR A GREENER EARTH

Bentley homeowners have always been discriminating in their desire for unlimited choices of customization and personalization and the best of the best materials and products available to the industry. "Bentley Green" includes many features which are "best practices" or "state of the art" in products and technology that already surpass other builders and their green initiatives. But why stop there? By offering an almost unlimited selection of Green alternatives, Bentley Homes can customize your new home to any level imaginable – it's your choice – and we are happy to serve you as our customer as well as knowing that we are building some of the most environmentally friendly homes on this earth.

# WHAT IS BENTLEY GREEN?

- **Ground Water Recharge Systems**  
Ground Water Recharge or seepage beds are installed underground and capture rain water from roofs, patios, and sidewalks as well as irrigation sources for reintroduction into the aquifer.
  - **R-21 Sidewalls & R-50 Ceilings**  
Standard sidewall and ceiling insulation are increased from R-15 and R-38 standards through specially designed batts within 2x6 walls (where applicable) and additional blown insulation in the attics. A separate zoned heating and cooling system allows residents to maintain a comfortable temperature in rooms where they spend their time but avoid wasting heating and cooling energy in empty parts of the house.
  - **Low E Glass & Tint**  
Low E insulated glass and tint help to repel the sun's harmful rays and heat build-up in summer as well as resisting the penetrating cold temperatures of winter. "Windows on the south side allow sunlight to enter the space in winter, storing radiant heat in the thick tile floors (in places where sunrooms are standard)." – 2006 *Better Homes & Gardens – LEEDS Profile – Building A Dream, While Building Green*
  - **18 Seer Air Conditioners**  
More efficient Air Conditioning allows for lower energy consumption while providing for increased comfort and temperature controls.
  - **Insta-Hot Hot Water Systems**  
Thousands of gallons are wasted every year as gallons of cold water pass through conventional hot water systems and piping as people wait for hot water to reach their shower or faucets. Insta-Hot hot water systems are located closer to the areas of use and allow for a reduction of time and distance in providing hot water.
  - **Geo-Thermal Heat Systems**  
These specially designed heating systems take the energy from the earth and produce clean, efficient and environmentally friendly heat throughout your home.
  - **Drought Resistant-Native Species - Landscaping System**  
Specially selected landscaping plants, which are in harmony with our local soils and noted for their high oxygen production, are utilized by our designers to create both an attractive and more environmentally friendly landscape than most standard landscape packages. "A yard planted with 100% native species, no invasive species, limited conventional turf and drought-tolerant landscaping can cut irrigation water demand by up to 80%." – 2008 *Southern Living, Green Living : A Great Idea*
  - **Infra-Red & Blower Door Testing/Certifications**  
Bentley Homes subjects homes to Blower Door & Infra-Red Testing to determine areas of potential air infiltration and to certify installation of specified R-Factors.
  - **Conservation Designs & Tree Preservation Programs**  
As the winner of several conservation awards, Bentley Homes utilizes care in the use of "Best Management Practices" for storm water management as well as extreme care in minimizing disturbance, tree conservation and open space preservation in the design of all of our communities.
  - **Lumber Saving Engineered Flooring & Roofing Systems**  
Engineered flooring and roofing systems minimize the need for larger dimensional lumber which helps to preserve older growth forests and specimen trees.
  - **Use Of Low VOC (Low Volatile Organic Compounds) Paints By Sherwin Williams**  
These paints are specially chosen for their reduced emissions and low environmental impact.
  - **Green Rated Hardy Plank Siding**  
Hardy Plank is recognized as one of the greenest exterior siding alternatives for its use of natural materials and re-use / recycling of wood by-products in its manufacturing processes.
  - **ENERGY STAR® Rated Appliances**
  - **Low Flo Toilets**
  - **Room Sensored/Timed Light Switches**  
Reduce electric use and waste.
  - **100% Interior & Exterior Fluorescent Lite Bulbs**  
Can reduce electric usage by up to 70%.
  - **Energy Recovery Ventilator**  
Introduces measured, HEPA-filtered fresh air mechanically.
  - **Optional Detached Garages**  
"Help to keep vehicle pollutants distant from the house." – 2008 *Southern Living – Idea House*
  - **Composite Decking Around The House**  
Gives occupants a comfortable place to relax and enjoy the yard's landscaping, which is made up of plants native to our area. Reduces the use of cedars or other rare hardwoods.
- BENTLEY GREEN** – Item availability and package costs vary by community.  
Please ask our Sales Managers for details.