

## **Outside**

## Solar Energy

Solar electric panels and solar hot water heaters use sunlight to produce electricity and heat water. This solar tube light directs and transports natural light from the roof into other rooms by using a series of mirrors. Using solar energy reduces the amount of electricity needed to perform everyday tasks.

#### Rain Barrel

Rain barrels collect water from the roof through a gutter system. The water can be used to water gardens, but they also conserve water and reduce stormwater runoff. Rain barrels should always be protected from mosquito infestation by using BTI, a soil bacterium that kill mosquito larvae.

#### Permeable Pavers

Permeable pavers allow water to pass through its solid stone core. This prevents stormwater runoff, reduces flooding and recharges groundwater.

## Radon System Fan and Discharge Pipe

This system depressurizes under the home to prevent radon from entering. In Pennsylvania, reducing this lung cancer risk is important because four in 10 homes have radon above the action level. Testing for radon is important and easy.

#### Green Roof

Green roofing reduces heating and cooling costs, filters pollutants, lengthens the life of the roof, and reduces runoff by absorbing rainwater. This green roof is made of sedum plant species.

# **Bath And Laundry Room**

#### WaterSense® Low Flow Showerhead

The average family could save 2,900 gallons per year by installing WaterSense labeled showerheads. They still provide a quality shower.

## Faucet Aerator and Sink

Faucet aerators reduce water consumption by adding air to the water flow. This sink has been recycled from another home.

#### WaterSense® Dual Flush Toilet

Dual flush toilets reduce water consumption by flushing according to the type of refuse.

#### Natural Gas Clothes Dryer

Natural gas can be used to power all kinds of things, including this dryer. It uses clean-burning, Pennsylvania-produced natural gas for power.

#### Marmoleum® Flooring

Marmoleum is made from renewable, natural ingredients and is naturally anti-static and antimicrobial.

## Kitchen

## Zero and Low Volatile Organic Compounds (VOCs)

Zero and low VOC compounds release fewer harmful vapors into the home. The paint and adhesives used in this home have very little or no VOCs to create better air quality.

#### Ice-stone Counters

Ice-stone is made from 100 percent recycled glass and Portland cement from Pennsylvania.

#### Natural Gas Appliances

Natural gas can be used to power all kinds of things, including this cooktop and oven. The appliances use clean-burning, Pennsylvania-produced natural gas for power.

## Cork Flooring

Cork flooring is made from the bark of the cork oak tree, but the process doesn't kill the tree. Cork trees can produce the bark for 100 to 150 years, so it is a rapidly renewable material.

## Energy Star® Appliances

This refrigerator and dishwasher are both Energy Star® appliances. They use much less electricity than comparable, non-Energy Star® appliances.

# **Living Room**

## Energy Star® LED Lighting

LED lighting uses far less electricity than incandescent bulbs, can last up to 10 years and contains no mercury.

## Energy Star® Window

This window utilizes a coating that blocks unnecessary light rays to reduce solar heat gain, and has a high insulation factor (R-value). It was also made in Pennsylvania.

#### FLOR® Carpet

Carpet tiles are a great way to prevent excessive carpet replacement. This carpet is made from 66 percent recycled materials and is recyclable, itself.

#### Programmable Thermostat

Programmable thermostats enable homeowners to control the amount of heating or cooling produced at times when the home is vacant. Consider changing the temperature by two degrees when the home is unoccupied for energy savings.

## Reclaimed Wood Flooring

Flooring can be salvaged from old homes and made new again. This flooring was salvaged and serves to protect a valuable resource: trees.

## Bamboo Flooring

Bamboo flooring is made from a grass that takes significantly less time to mature than hardwoods, which makes it a rapidly renewable material.