



**Fiberglass composite raised profile roof with venting:**

- P 50 yr (Platinum) warranty or metal roof
- G 40 year (Gold) warranty
- S 30 year (Silver) warranty

**Sustainable Wood Products:**

- S Oriented Strand Board & I-Beam Joists
- P G FSC Plywood & FSC I-Beam Joists
- P Attic Wrap - Radiant & Moisture Barrier
- P G S Home Weather Wrap
- P G S Rainwater Management (gutters and bioswales)
- P G S Recycled Content Fiber Cement Siding 50-year Warranty (on some designs)

- P G S Air-Sealed recessed can lights

- P Geothermal Heat Pump System
- G S (Non-Geothermal Heat Pump)

- P G S Fiberglass & Metal Insulated Exterior Doors

- P G Insulated Slab on Grade Cement Subfloor, R-15

- P G S Windows w/ Low E Glass U-Value .32 or better

- P G S Window Weather Wrap

- P G S Foam Sealing for air tightness (all penetrations, windows, doors and sill plate)

- S Exterior Frame 16" OC 2 x 6 Studs, 6" plate

- G Exterior Frame 2 x 4 Staggered Stud, 8" Plate

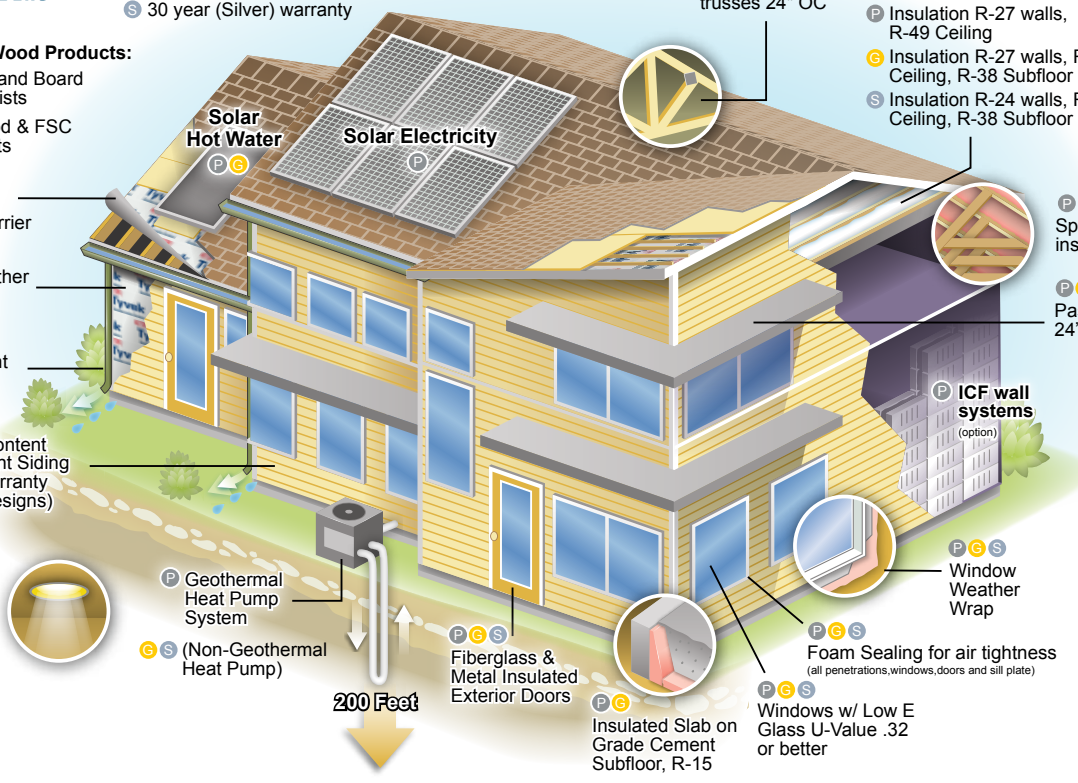
- P G Spray in place foam insulation (option)

- P G S Passive solar design with 24" minimum eave overhang

**Blown in Blanket Zero VOC Fiberglass Insulation:**

- P Insulation R-27 walls, R-49 Ceiling
- G Insulation R-27 walls, R-49 Ceiling, R-38 Subfloor
- S Insulation R-24 walls, R-49 Ceiling, R-38 Subfloor

- P G S Pre-engineered trusses 24" OC



**T**here are so many green products and practices that get talked about these days it is often hard to know which features benefit you the most, particularly from a cost and benefit standpoint. And we know many of you are also concerned about the effect building your home has on your future utility bill, your family's health, and the environment.

So to help sort through the details of green building we have pre-packaged green building features into three categories: SolAire Silver, Gold and Platinum. These categories roughly follow third party certifications for higher levels of home envelope durability and air tightness, energy efficiency, healthy indoor air quality, and earth friendly selection of materials and resource conservation. SolAire Silver is our minimum building standard, automatically qualifying your home for Earth Advantage and ENERGY STAR certification. Generally as you choose SolAire Gold or Platinum features your home becomes more energy efficient, healthier to live in and easier on the environment. Now SolAire proudly offers LEED for Homes certification. Any of the three levels of the SolAire standards can result in a LEED designation with careful project management at SolAire.

You may find something missing from the features list that you would like to add to your home. These are only some of the features we offer. We welcome your personal tastes and ideas.

**S SOLAIRE SILVER** is our minimum building standard, automatically qualifying your home for Earth Advantage and ENERGY STAR certification. Your home will be about **15% to 35%** more energy efficient than a home built to minimum Oregon Code. Your home will also be durable, healthy to live in, and easy on the environment.

**G SOLAIRE GOLD** increases the energy efficiency of your home. Your energy bills may be about **30% to 50%** lower than an identical home built to minimum Oregon Code. The addition of a solarium and a solar hot water heater play a big part in this increase in efficiency. The home envelope is better insulated with 2 x 4 staggered stud, 8" plate walls and slab-on-grade subfloor.

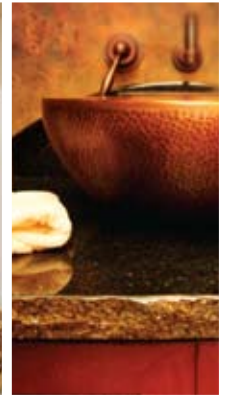
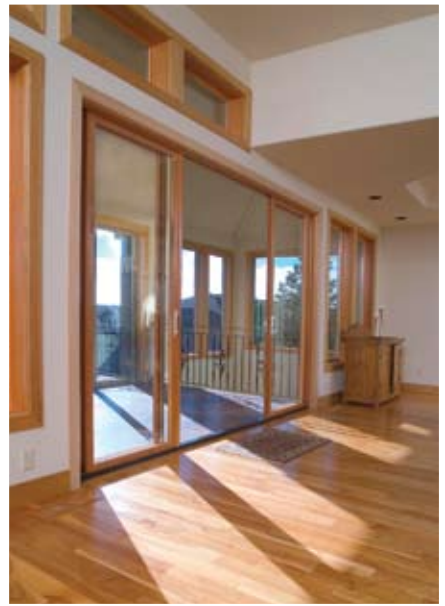
**P SOLAIRE PLATINUM** sets your home apart. You will be ready for the rapid increases in the cost of energy we face in the near future. Your energy bills may be about **45% to 80%** lower than an identical home built to minimum Oregon Code. The addition of photovoltaic panels, a geothermal heat pump system, the entire HVAC system contained in conditioned space, and other features lead to the ultimate in energy efficiency.

Call us to discuss your new custom home or remodel project at 541-383-2140.



CUSTOM HOMES | HOME REMODEL | ENERGY EFFICIENT | PASSIVE & ACTIVE SOLAR

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**SOLAIRE**  
HOMEBUILDERS

# Green Building Features Guide

**earth advantage**  
The Premier Source For Sustainable Building Solutions



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# Solaire Green Building Features Guide: Taking you to Platinum and beyond.

## Green Home Features 🏡 = Green features above building code

SolAire Silver	SolAire Gold	SolAire Platinum
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### Optimizing the Power of the Sun & other renewable energy sources

🏡 Passive Solar Design w/ 24" minimum eave overhang	●	●	●
🏡 Solarium		●	●
🏡 Solar Hot Water Panels		●	●
🏡 Solar Electricity Panels			●
🏡 Solar Hot Water Radiant Floor Systems			●
🏡 Residential Wind Power			●
🏡 Geothermal Heat Pump System			●

### The Durable, Energy Efficient Home Envelope

Exterior Frame 2 x 6 Douglas fir 2+ Grade, 16" OC 6" plate	●		
🏡 Exterior Frame 2 x 4 Staggered Stud FSC Kiln Dried Douglas Fir 8" Plate		●	●
🏡 Pre-engineered trusses 24" OC	●	●	●
🏡 Sustainable Wood Products: Oriented Strand Board & I-Beam Joists	●		
🏡 Sustainable Wood Products: FSC Plywood & FSC I-Beam Joists		●	●
🏡 Fiberglass & Metal Insulated Exterior Doors	●	●	●
🏡 Metal Insulated Garage Door	●	●	●
🏡 Home Weather Wrap	●	●	●
🏡 Window Weather Wrap w/ gasket seal	●	●	●
🏡 Attic Wrap - Radiant & Moisture Barrier			●
🏡 Blown in Blanket Zero VOC Fiberglass Insulation	●	●	●
🏡 Insulation R-24 walls, R-49 Ceiling, R-38 Sub floor	●		
🏡 Insulation R-30 walls, R-49 Ceiling, R-38 Sub floor for 8" plate w/staggered studs		●	●
🏡 Foam Sealing for air tightness (all penetrations, windows, doors and sill plate)	●	●	●
🏡 Metal Flashing throughout exterior of home where needed	●	●	●
🏡 Spray in place foam insulation (option)		●	●
🏡 ICF wall systems (option)			●
🏡 Insulated Slab on Grade Cement Floors		●	●
🏡 Vinyl Windows Low E Glass U-Value .32 or better	●	●	
🏡 Wood/Metal Clad Low E Glass U-Value .32 or better (option)			●
🏡 Recycled Content Fiber Cement Siding 50 -year Warranty (on some designs)	●	●	●
🏡 Fiberglass composite raised profile roofing 30 yr warranty w/ roof venting	●		
🏡 Fiberglass composite raised profile roofing 40 yr warranty w/ roof venting		●	
🏡 Fiberglass composite raised profile roofing 50 yr warranty or metal roof w/ roof venting			●
🏡 Solar Exterior Window Shades			●

### Saving Energy in the Home

🏡 Energy Star Lighting Package 50% Fluorescent light bulbs	●	●	●
🏡 Air-Sealed recessed can lights	●	●	●
🏡 Furnace and water heater in conditioned space	●	●	●
🏡 High Efficiency .94 AFUE HVAC Gas/Aprilaire Clean Air Filtration System	●	●	●
🏡 OR High Efficiency Electric HVAC w/ Heat Pump/Aprilaire Clean Air System	●	●	●
🏡 Fresh Air Control System	●	●	●
🏡 Performance Tested Duct Systems	●	●	●
🏡 Pressure Balanced Duct Systems	●	●	●
🏡 Energy Recovery Ventilator		●	●

## Green Home Features

🏡 = Green features above building code

SolAire  
Silver

SolAire  
Gold

SolAire  
Platinum

### Saving Energy in the Home (cont'd)

	SolAire Silver	SolAire Gold	SolAire Platinum
🏡 Ductwork in conditioned space		●	●
🏡 52 gal High Efficiency Hot Water Heater Tank 0.93 EF minimum	●		
🏡 Tankless Hot Water Heater/Tankless as solar hot water backup		●	●

### Improving Indoor Air Quality

	SolAire Silver	SolAire Gold	SolAire Platinum
🏡 Protect Duct Systems During Construction	●	●	●
🏡 Formaldehyde-free insulation	●	●	●
🏡 Hardwood flooring & wool blend carpet	●	●	
🏡 FSC Hardwood flooring & pure wool carpet			●
🏡 Nature Series Cabinets Reduced VOC in Maple, Alder or Hickory	●	●	●
🏡 Tile Countertops with Zero VOC skylend sub tops	●	●	●
🏡 Solid Surface Countertops with Zero VOC skylend sub tops		●	
🏡 Solid Surface Paperstone, recycled content countertops			●
🏡 Low VOC Interior and Exterior Paint	●		
🏡 Ultra Low VOC Interior Paint		●	●
🏡 Central vacuum system			●

### Using the Earth's Resources Wisely

	SolAire Silver	SolAire Gold	SolAire Platinum
🏡 Jobsite waste reduction plan: recycle all wood and cardboard	●	●	●
🏡 Recycle Pullouts for Kitchen		●	●
🏡 Faucets/Shower Heads/Tub Filler/Kitchen faucet Water Wise flow regulators	●	●	●
🏡 Toilets-Super Efficient-Water Wise		●	●
🏡 Use FSC Lumber for framing, headers, trusses, sheathing, sub floors		●	●
🏡 Rainwater Management (gutters designed to drain into bioswales)		●	●
🏡 Recommendations for low water use landscaping	●	●	
🏡 Xeriscape Plan and Implementation			●

### Interior Finishes

	SolAire Silver	SolAire Gold	SolAire Platinum
Kitchen Stainless 2-sided, extra deep under mount sink w/Moen faucet	●	●	●
Bath Sinks Kohler Ladena under mount lavatory 14" X 18"	●	●	●
Bath Sink Faucets: Moen 2 handle widespread	●	●	●
Toilets-Kohler Cimarron comfort height	●		
Tub/Shower: Lasco Fiberglass w/ Moen trim	●		
Tub/Shower Custom tile w/ optional fixtures		●	●
Mirror above bath sinks	●	●	●
Bath Accessories: towel bars, shower rods,etc.	●	●	●
Laundry Sink per plan: Serling sink w/ Moen faucet	●	●	●
Hollow core paint grade doors	●		
🏡 Solid Core Wood interior doors w/low VOC clear finish		●	
🏡 Solid Core FSC Wood interior doors w/ ultra low VOC clear finish			●
Kwickset door hardware, levers	●	●	●
Paint Grade 31/4" Trim & 4" Craftsman Style Case	●		
🏡 Natural Wood Trim per plan with Low VOC clear finish		●	
🏡 FSC Natural Wood Trim per plan with Ultra Low VOC clear finish			●
Paint Grade Bi-Fold closet doors	●	●	
🏡 Natural Wood Closet Doors per plan w/Low VOC Clear finish			●
Wire Mesh Closet shelving	●	●	
Custom Wood Closet shelving			●
Light Fixtures as per plan	●	●	●