



RIVERSIDE green B U I L D E R



Capture the green market momentum! Headline after headline repeats the growing thirst for green. Whether to protect the environment from greenhouse gases, reduce the dependence on foreign oil, or to simply reduce growing home utility bills, the voice is strong and getting louder. Jurisdictions are demanding that builders minimize their environmental footprint. Buyers are searching for homes that take their precious planet into consideration. Builders can take up the cause while differentiating themselves in the marketplace.



Riverside Green Builder (RGB) is a voluntary program primarily for production builders. RGB is based on the California Green Builder Program that is recognized by California Public Utilities Commission, the California Energy Commission and California League of Cities, and is the largest residential green builder program in California. RGB was developed by the City of Riverside and Building Industry Association, Riverside Chapter with input from home builders and other agencies. RGB is a resource effective and cost effective green building program. RGB yields measurable and documented results. A RGB certified home must meet five criteria: Energy Efficiency, Water Conservation, Waste Reduction, Wood Conservation, and Indoor Air Quality. Certified CGB/HERS raters document energy efficiency and the environmental benefits. Home designs are the result of a flexible performance based approach that allows the home builder to utilize the most cost effective means to meet the program standards.



Project Requirements

ENERGY EFFICIENCY

- Built to exceed California Title 24 energy efficiency standards by 15%
- Improved insulation installation
- HVAC system designed by a licensed mechanical engineer
- Tight HVAC Ducts
- Certified CGB/HERS rater inspection and verification

WATER CONSERVATION

- 20,000 Gallons water saved per home per year
- Parallel hot water piping or hot water recirculation
- Reduced turf front yard landscaping
- Weather based irrigation controller

WASTE REDUCTION

- At least 50% of construction waste is diverted from landfills through recycling

WOOD CONSERVATION

- Wood must be from a certified sustainable source
- Engineered wood products must be used

INDOOR AIR QUALITY

- HVAC designed by a licensed engineer to ACCA manuals J, S and D or equivalent SMACNA or ASHRAE standards
- HVAC systems are installed per the engineered designs
- MERV 6 HVAC filters installed in return air grills
- Low or no VOC paints, lacquers, floor underlayment and carpet

Participation Benefits

- Release of electrical meters prior to final inspection
- Priority field inspection service
- Guaranteed timelines
- Overtime inspections
- Priority electrical design

Riverside Green Builder is committed to addressing the growing resource constraints, as well as helping builders satisfy growing consumer demand for “green” homes. The RGB program is driven by the program’s ability to meet the needs of homebuyers, home builders and the City. Riverside Green Builders are ahead of implementing regulatory mandates while building homes that set them above the competition and deliver greater value to homebuyers.

The Numbers

4600: Homes planned & under construction

7: Riverside Green Builders

15%: Energy Savings above '05 T-24 code

650 kWh: Average yearly electricity savings per home

20,000: Gallons of water saved each year per home

50%: Minimum amount of construction waste recycled

1: Trees saved per 2-story home

100%: wood used from certified, sustainable forest products

Builders

- Building Industry Associations, Riverside Chapter

Contact

Community Development

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This program is being administered by ConSol

