



SUTTER COUNTY

DEVELOPMENT SERVICES DEPARTMENT

Building Inspection
Code Enforcement

Planning
Environmental Health

Fire Services
Engineering

Road Maintenance
Water Resources

2013 California Green Building Code

Residential Mandatory Measures For additions, alterations and new buildings

RESIDENTIAL

The purpose of the Green Building Code is to improve public health, safety and general welfare by enhancing the design and construction of buildings through the use of building concepts having a reduced negative impact or positive environmental impact and encouraging sustainable construction practices in the following categories:

1. Planning and design
2. Energy efficiency
3. Water efficiency and conservation
4. Material conservation and resource efficiency
5. Environmental quality

Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the application checklists and may be included in the design and construction of structures covered by this code, but is NOT required unless adopted by the County.

The mandatory provisions of **Chapter 4** shall be applied to **additions or alterations** of existing residential buildings where the addition or alteration increases the building's conditioned area, volume, or size. The requirements shall apply only to and/or within the specific area of the addition or alteration.

The provisions of individual sections of CALGreen may apply to either low-rise residential buildings (Group R Occupancy that is 3 stories or less in height), high-rise residential buildings (Group R Occupancy that is 4 stories or greater in height), or both.

On and after January 1, 2014, residential buildings undergoing permitted alterations, additions or improvements shall replace noncompliant plumbing fixtures with water conserving plumbing fixtures. Plumbing fixture replacement is required prior to issuance of a certificate of final completion, certificate of occupancy or final permit approval by local building department.

Indoor Water Use

The 20% reduction of water use is now prescriptively designated within CALGreen text.

- Water closets: ≤ 1.28 gallon/flush Urinals: ≤ 0.5 gallons/flush.
- Single Showerhead: ≤ 2.0 gpm @ 80 psi. Multiple Showerheads: combined flow rate of all showerheads and/or other shower outlets controlled by a single valve shall not exceed 2.0 gpm @80 psi or only one shower outlet is to be in operation at a time.
- Residential Lavatory Faucet: ≤ 1.5 gpm @60 psi.
- Lavatory Faucets in Common and Public Use of Residential Buildings: ≤ 0.5 gpm @ 60psi.
- Kitchen Faucets: ≤ 1.8 GPM @ 60psi.

Material Conservation and Resource Efficiency

Specifies the areas needing rodent proofing are sole/bottom plates. Annular spaces around pipes, electric cables, conduits or other openings in sole/bottom plates at exterior walls shall be protected against the passage of rodents by closing such openings with cement mortar, concrete masonry or similar method acceptable to the enforcing agency.

Construction Waste Management. Adds Section 4.408.4.1 to acknowledge a high-rise residential compliance alternative. The total combined weight of construction and demolition waste disposed of in landfills, which do not exceed two (2) pounds per square foot of building area, **shall meet the minimum 50-percent construction waste reduction requirement.**

Environmental Quality Pollutant Control

Compliance rate of resilient flooring is increased from 50% to 80%. Where resilient flooring is installed, at least 80 percent of floor area receiving resilient flooring shall comply with one or more of the following:

- VOC emissions limits defined in the Collaborative for High Performance Schools (CHPS) High Performance Products Database.
- Products compliant with CHPS criteria certified under Greenguard Children & Schools program.
- Certification under the Resilient Floor Covering Institute (RFCI) Floor Score program.
- Meet the California Department of Public Health, “Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers,” Version 1.1, February 2010 (also known as Specification 01350).

Date: _____

I _____ agree to use the Construction and Demolition Materials Collection Facility at the Marysville Recology Station. I understand that construction and demolition materials represent a significant portion of solid waste in Sutter County (25 to 30 percent), by using the established facility to divert construction and demolition materials, I am contributing to Sutter County meeting the 50 percent recycling mandate.