

What is California's Title 24?

As California's population rapidly increased in the 1970's, air quality and stressed power grids became a growing issue. Title 24 was created to address these issues by requiring minimum energy efficiency standards in new and altered buildings. Since 1978, Title 24 has saved more than \$70 billion in electricity and natural gas costs.

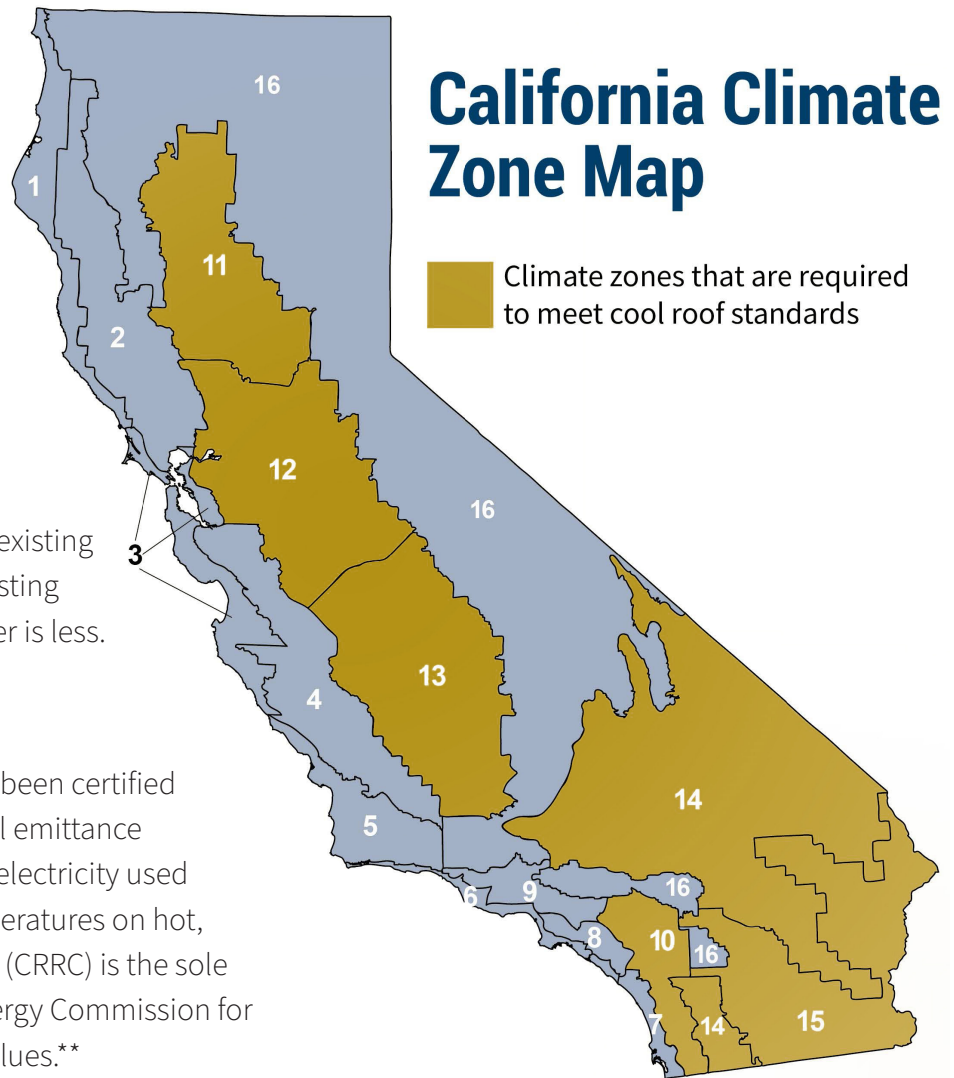
How Does Title 24 Affect Roofing?

Homes and buildings in California must meet the cool roof requirements of Title 24 if either:

- ▶ The roofing project is in an affected California climate zone.
Homes in zones 10-15 must meet cool roof standards.*
- ▶ Any replacement, recovering, or recoating of the exterior surface of the existing roof, where greater than 50% of the existing roof surface area is re-roofed, whichever is less.

What Qualifies as a Cool Roof?

A "cool roof" is a roofing product that has been certified to have high solar reflectance and thermal emittance properties. These properties help reduce electricity used for air conditioning by lowering roof temperatures on hot, sunny days. The Cool Roof Rating Council (CRRC) is the sole authority recognized by the California Energy Commission for certifying roofing product performance values.**



*DECRA serves homes with steep-slope roofs

**Values include solar reflectance, emittance, and solar reflective index (SRI) performance.

**For more information on the CRRC and to view DECRA's performance values, please visit coolroofs.org

DECRA Metal Roofing Colors that Meet Title 24 Cool Roof Requirements:

Available on all DECRA Metal Roofing profiles:



ROYAL OAK



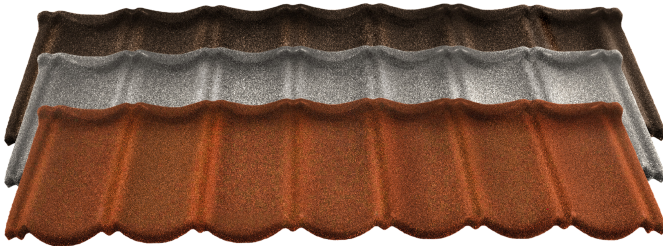
MIST GREY



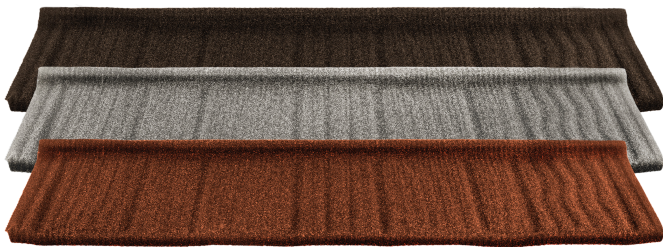
SPANISH CLAY

Alternative Options Installed on Battens to Provide a Minimum 1.0" Air Space:

DECRA Tile*



DECRA Shake*



The Batten Installation Advantage: Energy Efficiency Above and Beyond Title 24

[DECRA Tile](#) and [DECRA Shake](#) roofing profiles are designed for installation on battens. Battens are a simple grid of 2x2 wood strips that create a continuous airspace of at least 1" between the roofing material and the roof deck.

This vital airspace increases thermal emittance tremendously by allowing heated air between the deck and the roofing materials to escape up and away from the house through ridge vents at the highest point of the roof.

*Meets Title 24 exception to SECTION 150.2(b)1Hi