

California Title 24, Cool Roofs and You

If you contract or perform roof construction or maintenance in California, you should be aware of Title 24 regulations – the state’s building energy-efficiency standards – that require “cool roofing” for most commercial roof replacement, recoating or recovering applications.

What is Title 24?

Title 24 is intended to reduce power consumption, especially during peak daytime hours. One way to do this is by minimizing the effect of urban “heat islands” – areas in cities where temperatures are 3-8 degrees higher than in outlying areas. One cause of urban heat islands is dark roofs that absorb and retain the sun’s heat. As rooftop temperatures rise, air conditioners have to work harder to keep buildings cool, so energy use goes up. And as energy demand increases, the cost of energy rises, and power shortages can result.

What is a “Cool Roof”?

A cool roof is a roofing material with high solar reflectance and high thermal emittance that reduces heat gain through the roof. To meet California Title 24 requirements, a cool roof must be certified by the Cool Roof Rating Council (CRRC) and meet these minimum guidelines:

- 70 percent reflectance (amount of sun’s energy reflected by the surface)
- 75 percent emittance (amount of solar heat released from the surface)

Your Best Solution: The Duro-Last® Roofing System

With up to 87 percent reflectance and up to 90 percent emittance, the Duro-Last Roofing System clearly exceeds California Title 24 requirements. Your customers will enjoy significant energy savings for many years to come.

And the Duro-Last system gives you other competitive advantages:

- Duro-Last is the only Roofing System that is custom-fabricated in a factory-controlled environment
- Long-term durability
- Installation of the custom-fabricated Duro-Last Membrane is up to 30 percent faster, which means lower labor costs and increased production and profits
- Installation can be done in all kinds of weather so your crew can work more days a year
- You can offer industry-leading warranties, backed by over 30 years of proven performance

Visit us at www.duro-last.com and learn more about the advantages of installing the Duro-Last Roofing System. Now, more than ever, it’s the best roofing solution.

California Title 24 Does it Apply to You?

Title 24 modifications require “cool roofing” for most commercial roofing applications:

- Non-residential buildings
- Low-sloped roofs (i.e., less than 2:12)
- Roof replacement or repair requiring a permit
- More than 2,000 square feet of the roof over conditioned space is being replaced, recovered, or recoated

The Duro-Last Roofing System is the “Proven Performer”® that can help you achieve your goals:

- Certified Title 24 compliance for you and your customers
- Increased productivity for your crew
- Increased profitability for your business
- A durable, long-lasting roofing system that delivers value year after year
- Industry-leading warranties
- Outstanding contractor support that helps your business grow
- The products and services you need for satisfied customers and a quality reputation

To find out more about what Duro-Last can offer you, visit our website or call 800-248-0280.

For more information about California Title 24, visit: www.energy.ca.gov/title24

