



# The ARMA Message: Suggestions for Communicating California's Title 24

**ARMA Communications Committee**  
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## What are the myths and rumors?

- Are they related mostly to reroofs?



## Title 24 Cool Roof Rules - Simplified

- Cool Roofs are NOT mandatory
  - **But they help set the allowed energy budget for a building**
  - **You can meet the cool roof energy budget with roof insulation instead (or some other energy measure)**
- Cool Roof rules DO apply to schools



## Title 24 Cool Roof Rules - Simplified

- Energy Star is NOT the same as California's Title 24 (Energy Star currently uses reflectance only and does not require reflectance to be third-party certified)
- California uses INITIAL reflectance and emittance; assumes NO cleaning of roof over time



## Title 24 Cool Roof Rules - Simplified

Unconditioned warehouses containing  
smaller conditioned office space

- To be confirmed soon:



## Walls of conditioned space don't reach the roof of warehouse – no cool roof





**Walls of conditioned space go all the way to the roof of warehouse – cool roof over conditioned space only**



## Title 24 Cool Roof Rules

Apply to

- low-sloped roofs ( $\leq 2:12$ ) over
- conditioned (heated or cooled or both) space in
- nonresidential buildings
  - Exceptions: Occupancy Use “I” (institutions, hospitals, jails, etc); hotels/motels; high-rise apartments/condos; qualifying historic buildings; refrigerated warehouses





## Cool Roof Rules

COOL ROOFS ARE OPTIONAL (not required) for

- High-sloped (more than 2:12) nonresidential roofs
- Hotels/motels
- High-rise residential buildings (4 stories or more)
- All residential buildings



## Cool Roof Rules

- Cool Roof Rating Council – publishes directory of rated products on CRRC website
  - Caution: just because a roofing material appears in this directory does not mean it automatically qualifies as a Calif. cool roof
  - **Look for reflectance at least 0.70 and emittance at least 0.75**



## Insulation when reroofing

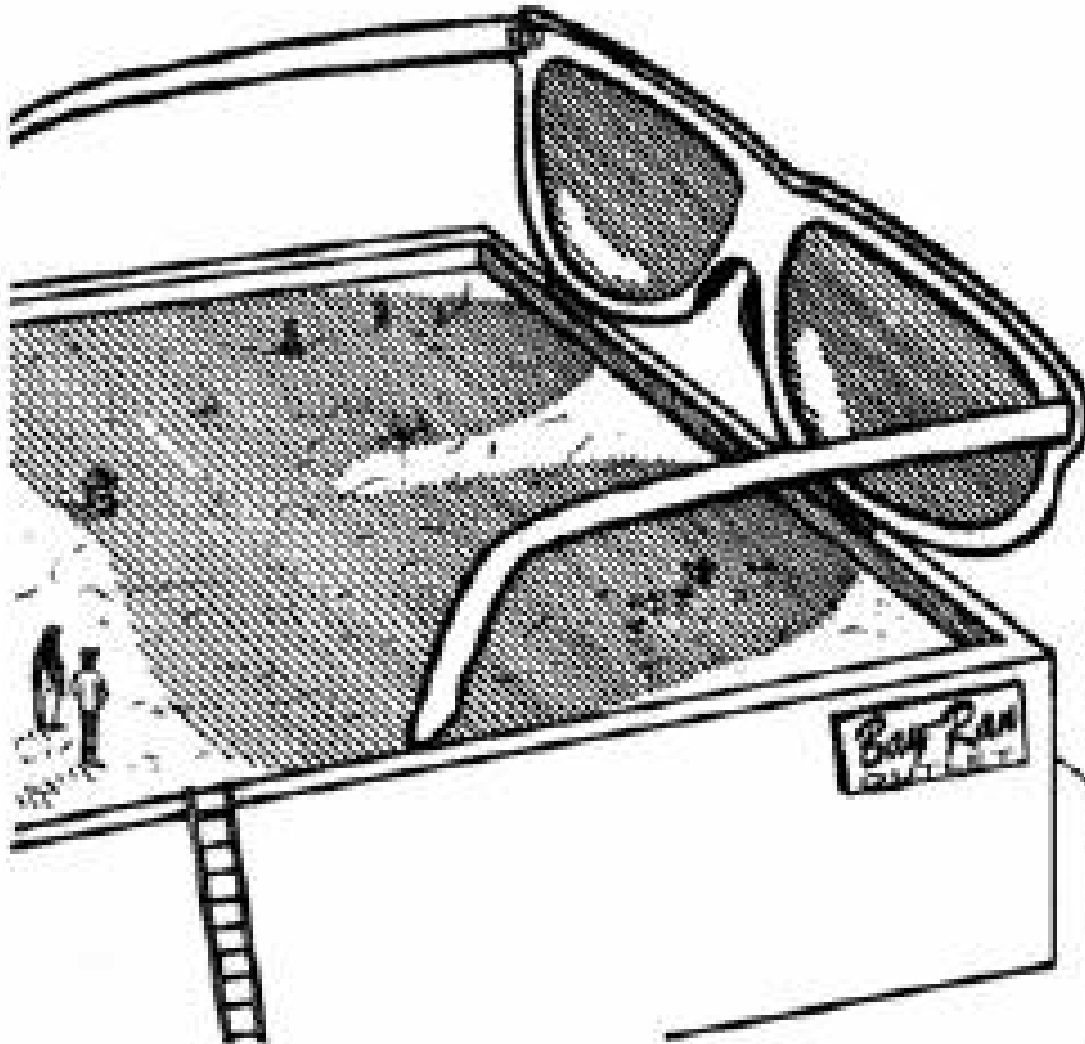
- See question 18 in the Blueprint Q&As



## Other issues?

- Glare
- Garden roofs
- Solar on roofs
- Color restrictions (white not allowed in some communities/jurisdictions)

# RUFUS LEAKIN by SOUTH COAST SHINGLE CO., INC.



"Yea, it's cheaper than reflective coating, but it won't pass the 'Cool Roof' requirements."



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