

Eagle Cool Roof Tile



Eagle's ENERGY STAR and CRRC Rated Products Result in Energy Savings

Eagle has a selection of Cool Roof tile colors available for reroof and new construction projects. Approved by ENERGY STAR and the Cool Roof Rating Council, these colors not only help a project qualify for green building requirements, they also provide superior benefits for owners and the environment. Buildings using Eagle's Cool Roof Tile colors can expect a 10-30% savings on energy bills when compared to non-cool-roof products--that's a monthly savings of \$50-150 on a \$500/month electricity bill or \$600-1800 savings per year. Possible additional rebates may also be available through local utility companies. Beyond these benefits, Cool Roof Tile is also kind to the environment. Its use helps to reduce heat islands, the dissemination of smog producing chemicals and the production of CO₂.

Per ENERGY STAR, a reflective roofing product like Eagle's Cool Roof Tile can lower roof surface temperatures by up to 100°F. This level of temperature reduction prevents the transfer of heat into the home or building meaning much less work for the air conditioner which directly results in energy savings for the owner. Individual results are dependent on many factors like local climate and building insulation, but typically an owner can expect to reduce peak cooling demand by 10-15% when compared to non-cool roof products leading to the purchase of smaller, less expensive HVAC systems.

Reflective roofing products can also help reduce the "heat island effect." Heat islands develop in cities and result in temperatures that can be 2 to 8°F warmer than the surrounding countryside. Such heat islands occur, in large part, because many buildings and paved surfaces are designed with dark materials that absorb heat from the sun. This heat is released at night, causing the air temperature to remain high. The resulting elevated temperature leads to an increased demand for air conditioning in buildings, increased fuel use for vehicle air conditioning, increased levels of smog, and associated increased levels of heat-related and smog related health problems. Choosing reflective roofing products helps contribute to a safe and healthy environment.

Los Angeles Department of Water & Power Rebate Information

Eagle Sales Region: Southern California

Locations Covered: Los Angeles, CA

Program Name: Non-Residential Custom Performance Program (CPP)

Building Type: Non-Residential (existing)

Product Requirements: Reflectivity ≥ 0.70 and Emissivity ≥ 0.75 although lesser values may also provide savings depending on calculations

Rebate: \$0.08 per kWh based on expected energy saving performance

Rebate Example: Planned re-roof with calculated energy savings of 2,000 kWh results in \$160 rebate.

Utility Program Information: www.ladwp.com/ladwp/cms/ladwp008836.jsp

Utility Phone Number: 213-367-2361



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Qualifying Products

Part No.	Product Weight	Profile	Name	Photo	Reflectance	Emittance	Solar Reflectivity Index
2800	Standard	Malibu	White on White*		79%	91%	99
4800	Standard	Bel Air	White on White*		79%	91%	99
3241	Standard	Capistrano	Sun Valley		71%	89%	87
4241	Standard	Bel Air	Sun Valley		71%	89%	87
2241	Standard	Malibu	Sun Valley		71%	89%	87

* May be manufactured with gray cement and a white color coat.

Note: The above rebate program is subject to change, and may be subject to additional requirements such as geographic location/climate zone, presence of a central air conditioning system, and other requirements. Homeowners and/or roofers are responsible for filing all necessary paperwork and dealing with the utility to receive rebates. Rebates are not guaranteed by Eagle Roofing Products. One square is 100 square feet. Rebate programs may be calculated either by square foot of roofing material or square foot of conditioned space, depending on each utility's program details. This rebate summary is provided only as a resource for roofers and homeowners. Should you have any questions about these programs, please contact your utility by phone or by visiting the website above. May be subject to inspection. Rebate programs are available on a first come, first serve basis and may expire without notice.

ENERGY STAR: When installed properly, this product will help reduce energy costs. Actual savings will vary based on geographic location and individual building characteristics. Consult your product manufacturer, roofing contractor, or call 1-888-STAR-YES (1-888-782-7937) for more information.

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