



# Duration® Premium Cool Shingles

Shingles that look beautiful and save energy.

**New!**  
Meets California Title 24  
Cool Roof Requirements



Duration® Premium Cool Sage†







INNOVATIONS FOR LIVING®

## Take comfort in saving more energy.

Introducing our new *Duration*® Premium Cool shingles—an innovative new shingle specially designed to reflect the sun's rays, helping make your home more comfortable and energy efficient.

Similar to energy-efficient appliances in your home, a "Cool Roof" can provide energy-saving qualities. *Duration* Premium Cool shingles reflect solar energy, decreasing the amount of heat transferred to a home's interior—and the amount of air conditioning needed to keep it comfortable.

*Duration* Premium Cool shingles provide the same superior performance, durability and style you expect from *Duration* Series shingles, with the addition of solar-reflecting granules. With *Duration* Premium Cool shingles, your roof stays cool and so do you.

If purchasing a new roof is on your to-do list but seems like a daunting task, don't worry. Owens Corning and your contractor can make choosing your new Cool Roof a positive experience. So it's easy to invest in a roof that not only has outstanding performance, but also has exceptional curb appeal. And for years to come, you'll feel great every time you pull in the driveway.



**Weighing your contractor options? Consider using an Owens Corning Preferred Contractor—an independent contractor who meets our strict program criteria.**

GOING GREEN FEELS GOOD

## Made to meet new standards.

### Did you know?

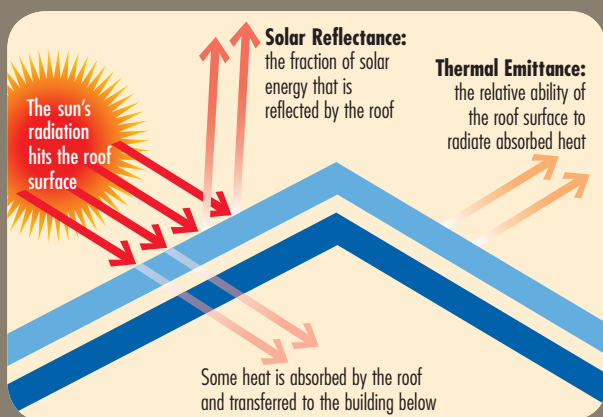
Roof standards in the state of California have changed. California's Energy Efficiency Standard, Title 24, Part 6, calls for a Cool Roof solution for steep-slope new construction and re-roofs in certain climate zones. The following information provides an explanation of what a Cool Roof is, as well as a brief overview of Title 24, Part 6.

### Cool Roofs.

Cool Roofs reduce energy by using shingles with solar-reflecting granules that keep roofs cooler than conventional shingles. Cool Roofs result in lower carbon dioxide emissions and help reduce the urban and suburban heat island effect which, in turn, reduces smog.<sup>††</sup>

### How Duration® Premium Cool shingles work.

*Duration* Premium Cool shingles utilize a new, highly reflective granule technology that allows them to reflect the sun's heat, thereby reducing the heat transferred into the structure below.



Cool Roof Rating Council ([coolroofs.org](http://coolroofs.org))

***Duration* Premium Cool shingles feature solar-reflecting granules that help keep roofs cool<sup>†</sup> for a more comfortable living space below.**

<sup>††</sup> Cool Roof Rating Council (CRR), "Why Cool Roofs Are Way Cool," [www.coolroofs.org/documents/IndirectBenefitsofCoolRoofs-WhyCRareWayCool.pdf](http://www.coolroofs.org/documents/IndirectBenefitsofCoolRoofs-WhyCRareWayCool.pdf).

<sup>†</sup> Estimated roof surface temperature reduction based on 1998 NIST study, *Analytical Study of Residential Buildings with Reflective Roofs*. A temperature reduction is representative of a change from a typical roof to a Cool Roof (solar reflectance 0.10 to 0.25) in most climates.



## Understanding Title 24, Part 6.

Title 24, Part 6, is California's Building Energy Efficiency Standard. Its purpose is to reduce peak energy consumption in California—particularly the kind that contributes to rolling blackouts. Beginning August 2009, Title 24, Part 6, regulations prescribe Cool Roofs on steep-slope new construction or re-roofs.

### California Building Climate Zones



Courtesy of the California Energy Commission (CEC)

**For residential construction, Title 24, Part 6, prescribes a Cool Roof for homes in Climate Zones 10–16. Homeowners may qualify for rebates from PG&E (Pacific Gas & Electric) or Southern California Edison (SCE) when they install a Cool Roof. Visit [www.pge.com](http://www.pge.com) and [www.sce.com](http://www.sce.com) for more information.**

### Who's affected?

Residential and non-residential steep-slope roofs in the state of California will need to meet Title 24, Part 6, starting in August 2009. An easy way to meet requirements is to install a Cool Roof. However, you can meet requirements by adding Owens Corning PINK FIBERGLAS™ Insulation to the attic—having an attic with a minimum R-value of R-30 is one way to meet Title 24, Part 6, without having to install a Cool Roof.



Duration® Premium Cool Sage™



## Saving energy has never looked—or felt—better.

Utilizing a new, highly reflective granule technology that bounces back the sun's rays, *Duration* Premium Cool shingles help keep roofs cooler, resulting in a more comfortable living space below. In addition, *Duration* Premium Cool shingles:

- Help lower energy bills by keeping the roof cooler<sup>†</sup>—which also reduces wear and tear on the air conditioning system
- Can reduce environmental impact—less energy needed to cool a home means less energy consumption, decreasing CO<sub>2</sub> emissions
- Help extend the life of the roof—thanks to solar-reflecting granules that reduce shingle temperature and subsequently slow asphalt aging
- Are backed by a Limited Lifetime Warranty\* and 130-MPH Wind Resistance Limited Warranty\*
- Meet initial solar reflectance requirements of .25 for ENERGY STAR® rating
- Meet 2008 California Title 24, Part 6, requirements which call for a Cool Roof or equivalent improvement. For more information, visit [www.roofing.owenscorning.com](http://www.roofing.owenscorning.com)
- Are rated by the Cool Roof Rating Council (CRRC)



Duration® Premium Cool Harbor Fog<sup>†</sup>

<sup>†</sup>Estimated roof surface temperature reduction based on 1998 NIST study, *Analytical Study of Residential Buildings with Reflective Roofs*. A temperature reduction is representative of a change from a typical roof to a Cool Roof (solar reflectance 0.10 to 0.25) in most climates.

## Duration® Premium Cool shingles with SureNail® Technology: A technological breakthrough in roofing.

As part of the *Duration* Series shingle line, *Duration* Premium Cool shingles come with our SureNail® Technology built right in. So you can rest easy because this product breakthrough offers you:

### **Supersealing Action**

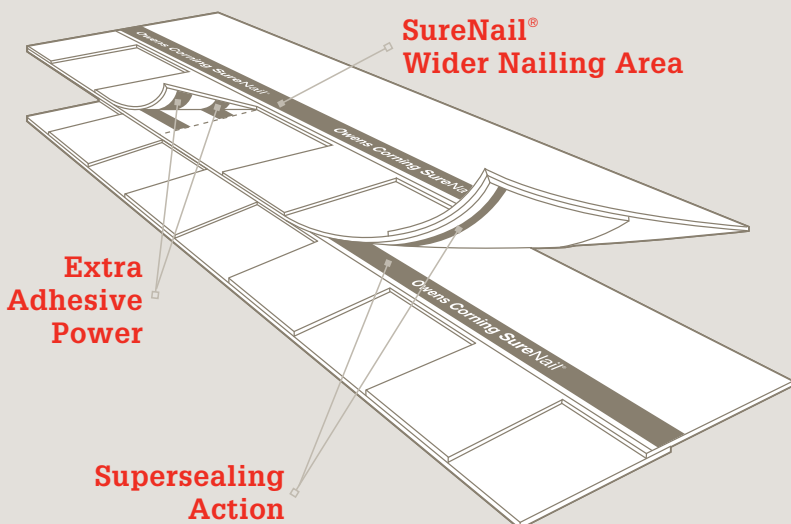
Our Tru-Bond®\*\* sealant grips tightly to the nailing strip on the shingle below for greater bonding strength. *Duration* Premium Cool shingles with *SureNail* Technology are rated for 130-MPH\* winds.

### **SureNail® Wider Nailing Area**

New, wider nailing area allows for an improved and consistent installation.


### **Extra Adhesive Power**

Specially formulated, extra-wide adhesive bands help keep shingle layers laminated together in virtually all weather conditions.



## The essentials for a healthy roofing system.

It takes more than just shingles to create a high-performance roof. It requires a system of products working together. Owens Corning Roofing Essentials™ Accessory Products work with our shingles to make up a roofing system that helps provide maximum durability for your roof. And the most protection for your home.

- a VentSure® Ventilation Products.** Help protect a roof from premature failure by helping remove heat and moisture from the attic. 
- b PINK FIBERGLAS™ Blown-In Insulation.** Tiny air pockets trapped in the insulation resist the passage of heat flow.
- c High Style® Hip & Ridge Shingles.** Help protect the ridge vent and add an attractive, finished look to a roof's hips and ridges.
- d Owens Corning Shingles.** Add durable beauty to a home. Shingles are the first line of defense against the elements.
- e Owens Corning Underlayment Products.** Add an extra layer of protection between the shingles and the roof deck to help prevent damage from wind-driven rain.
- f WeatherLock® Self-Sealing Ice & Water Barrier Products.** Help guard vulnerable areas where water can do the most damage to a roof: eaves, valleys, dormers and skylights.
- g Owens Corning Starter Shingle Products.** The first step in the proper installation of shingles.
- h RapidFlow™ Gutter Drainage Protection.** Keeps leaves and other debris from clogging gutters, while allowing water to flow freely off of the roof and through gutters.
- i Undereave Ventilation Products.** Help prevent moisture buildup in the attic by working with ridge vents to keep air moving.











## Duration® Premium Cool Shingles



Harbor Fog†



Frosted Oak†



Sage†



Sunrise†

## Product Attributes

### Warranty Length\*

Limited Lifetime

### Wind Resistance Limited Warranty\*

130 MPH

### Tru PROtection® Non-Prorated Limited Warranty† Period

10 Years

### UL Fire Rating

Class A

## Duration® Premium Cool Shingles Product Specifications

Nominal Size	13¼" x 39⅝"
Exposure	5⅞"
Shingles per Square	64
Bundles per Square	4
Coverage per Square	98.4 sq. ft.

## Duration® Premium Cool High Style® Hip & Ridge Product Specifications

Nominal Size	8" x 16½"
Exposure	7¾"
Pieces per Carton	48
Lineal Feet per Carton	31

Available in the *Duration* Premium Cool shingle color palette (see swatches).



## Applicable Standards and Codes

ASTM D 3462	ASTM D 3018, Type 1
ASTM E 108, Class A Fire	ASTM D 228
ASTM D 3161, Class F Wind	UL 790, Class A
ASTM D 7158, Class H Wind	

\* See actual warranty for complete details, limitations and requirements.

\*\* *Tru-Bond* is a proprietary premium weathering-grade asphalt sealant that is blended by Owens Corning.

† Owens Corning strives to accurately reproduce photographs of shingles. Due to manufacturing variances, the limitations of the printing process and the variations in natural lighting, actual shingle colors and granule blends may vary from the photo. The pitch of your roof can also impact how a shingle looks on your home. We suggest that you view a roofing display or several shingles to get a better idea of the actual color. To accurately judge your shingle and color choice, we recommend that you view it on an actual roof with a pitch similar to your own roof prior to making your final selection. Color availability subject to change without notice. Ask your professional roofing contractor for samples of colors available in your area.

ENERGY STAR and the ENERGY STAR mark are registered trademarks of the U.S. Environmental Protection Agency.

*SureNail* Technology Patents Pending.



Want to know more about Owens Corning products or find an Owens Corning Preferred Contractor in your area? It's easy to reach us:

**1-800-GET-PINK® | [www.roofing.owenscorning.com](http://www.roofing.owenscorning.com)**



INNOVATIONS FOR LIVING®

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(Compton)

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