



# Cool Roof Colors Collection

Owens Corning® Shingles Meet Title 24 Requirements



Duration® Premium Cool Frosted Oak†

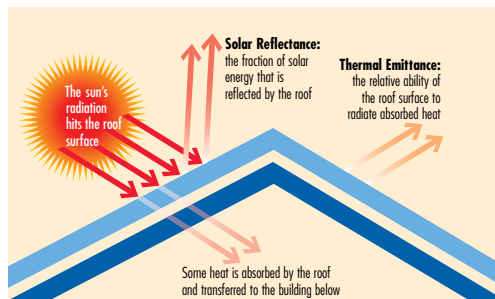
Owens Corning® Shingles are a component of the Owens Corning® Total Protection Roofing System.™^



# Owens Corning® Cool Roof Colors Collection

## Meet Prescriptive Cool Roof Requirements in California Title 24.

How a roof reacts to heat from the sun.



Source: Cool Roof Rating Council(<http://www.coolroofs.org>)

Cool Roofs may help reduce energy by using shingles with solar-reflecting granules<sup>††</sup>. Asphalt shingles that qualify as Cool Roof products are listed on the CRRC (Cool Roof Rated Council) Rated Product directory.

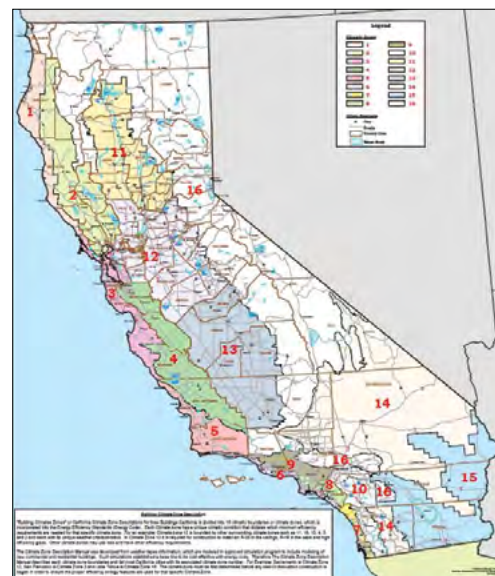
To meet the prescriptive requirements of Title 24, Part 6 and Cool Roof requirements in local jurisdictions such as the LA Municipal Code, Owens Corning Roofing has expanded its Cool Roof Colors Collection to include popular shingle colors in TruDefinition® Duration®, Oakridge® and Supreme® Shingles. Owens Corning® shingles listed in the Table below meet the prescriptive requirements in the 2013 California Energy Code for steep-slope roofs (slope > 2:12) on residential and nonresidential buildings. A minimum 3-year aged solar reflectance of 0.20, a minimum thermal emittance of 0.75 or a minimum solar reflectance index (SRI) of 16 is required for:<sup>ΔΔ</sup>

- Low-rise residential buildings in climate zones 10 through 15
- High-rise residential buildings in climate zones 2 through 15
- Nonresidential buildings in climate zones 1 through 16

Owens Corning® shingle products listed below are also found on the CRRC Rated Product directory: <http://coolroofs.org/products/results>.



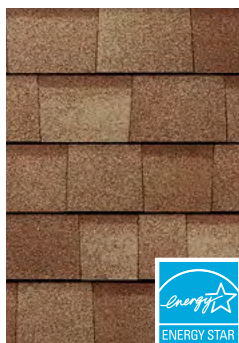
### California Building Climate Zones



Source: California Energy Commission  
[http://www.energy.ca.gov/maps/renewable/building\\_climate\\_zones.html](http://www.energy.ca.gov/maps/renewable/building_climate_zones.html)

Owens Corning® Cool Roof Shingles		CRRC Product ID	Warranty	Solar Reflectance (Aged)	Thermal Emittance (Initial)	Solar Reflective Index (SRI) (Initial)
Added Cool Roof Colors	Duration® Premium Cool Harbor Fog	0890-0004	Limited Lifetime <sup>*/†</sup>	0.30	0.90	32
	Duration® Premium Cool Frosted Oak	0890-0005	Limited Lifetime <sup>*/†</sup>	0.28	0.91	30
	Duration® Premium Cool Sage	0890-0003	Limited Lifetime <sup>*/†</sup>	0.29	0.88	30
	Duration® Premium Cool Sunrise	0890-0006	Limited Lifetime <sup>*/†</sup>	0.28	0.91	30
	TruDefinition® Duration® Shasta White	0890-0008	Limited Lifetime <sup>*/†</sup>	0.28	0.91	30
	Oakridge® Shasta White	0890-0002	Limited Lifetime <sup>*/†</sup>	0.28	0.91	30
	Supreme® Shasta White	0890-0001	25 Years	0.29	0.92	31
	TruDefinition® Duration® Amber	0890-0009	Limited Lifetime <sup>*/†</sup>	0.21 <sup>††</sup>	0.92	22
	TruDefinition® Duration® Sierra Gray	0890-0013	Limited Lifetime <sup>*/†</sup>	0.21 <sup>††</sup>	0.92	21
	TruDefinition® Duration® Antique Silver	0890-0011	Limited Lifetime <sup>*/†</sup>	0.21 <sup>††</sup>	0.92	22
	TruDefinition® Duration® Oyster Shell	0890-0012	Limited Lifetime <sup>*/†</sup>	0.22 <sup>††</sup>	0.92	24
	Oakridge® Amber	0890-0009	Limited Lifetime <sup>*/†</sup>	0.22 <sup>††</sup>	0.92	24
	Oakridge® Sierra Gray	0890-0013	Limited Lifetime <sup>*/†</sup>	0.20 <sup>††</sup>	0.92	20
	Oakridge® Antique Silver	0890-0011	Limited Lifetime <sup>*/†</sup>	0.22 <sup>††</sup>	0.92	24
	Oakridge® Oyster Shell	0890-0012	Limited Lifetime <sup>*/†</sup>	0.22 <sup>††</sup>	0.92	24
	Supreme® Amber	0890-0014	25 Years	0.22 <sup>††</sup>	0.92	24
	Supreme® Aspen Gray	0890-0010	25 Years	0.20 <sup>††</sup>	0.92	20

## Duration® Premium Cool Shingles



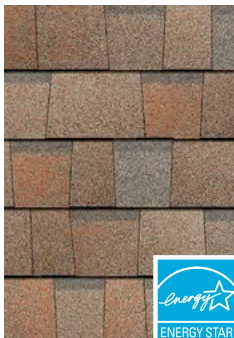
Frosted Oak†



Harbor Fog†



Sage†



Sunrise†

## TruDefinition® Duration® Shingles



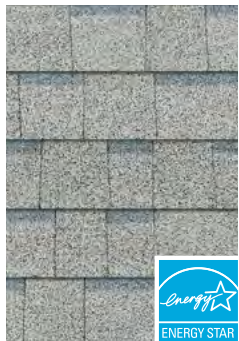
Amber†



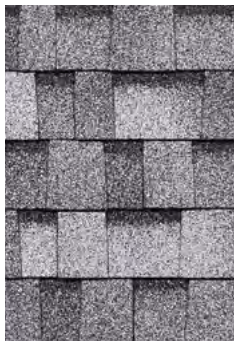
Antique Silver†



Oyster Shell†



Shasta White†



Sierra Gray†

## Duration® Premium Cool Shingles Product Attributes

### Warranty Length\*

Limited Lifetime\* (for as long as you own your home)

### Wind Resistance Limited Warranty\*

130 MPH

### Algae Resistance Limited Warranty\*

10 Years

### TruPROtection® Non-Prorated Limited Warranty\* Period

10 Years

## Product Specifications

Nominal Size	13 1/4" x 39 3/8"
Exposure	5 5/8"
Shingles per Square	64
Bundles per Square	4
Coverage per Square	98.4 sq. ft.

## Applicable Standards and Codes

ASTM D228

ASTM D3018 (Type 1)

ASTM D3462

ASTM D3161 (Class F Wind Resistance)

ASTM D7158 (Class H Wind Resistance)

ASTM E108/UL 790 (Class A Fire Resistance)

Florida Product Approval

ICC-ES AC438\*

UL ER2453-01\*\*

ENERGY STAR® requirements for initial solar reflectance of 0.25 and 3-year aged solar reflectance of 0.15; 2013 California Building Energy Efficiency Standards, Title 24, Part 6 requirements; rated by the Cool Roof Rating Council (CRRC). requirements; rated by the Cool Roof Rating Council (CRRC).

## TruDefinition® Duration® Shingles Product Attributes

### Warranty Length\*

Limited Lifetime\* (for as long as you own your home)

### Wind Resistance Limited Warranty\*

130 MPH

### TruPROtection® Non-Prorated Limited Warranty\* Period

10 Years

## Product Specifications

Nominal Size	13 1/4" x 39 3/8"
Exposure	5 5/8"
Shingles per Square	64
Bundles per Square	3
Coverage per Square	98.4 sq. ft.

## Applicable Standards and Codes

ASTM D228

ASTM D3018 (Type 1)

ASTM D3161 (Class F Wind Resistance)

ASTM D3462

ASTM D7158 (Class H Wind Resistance)

ASTM E108/UL 790 (Class A Fire Resistance)

ICC-ES AC438\*

UL ER2453-01\*\*

Shasta White color meets ENERGY STAR® requirements for initial solar reflectance of 0.25 and 3-year aged solar reflectance of 0.15; 2013 California Building Energy Efficiency Standards, Title 24, Part 6 requirements; rated by the Cool Roof Rating Council (CRRC).

## Oakridge® Shingles



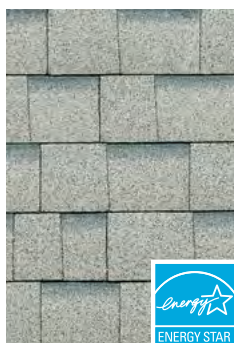
Amber†



Antique Silver†



Oyster Shell†



Shasta White†



Sierra Gray†

## Supreme® Shingles



Amber†



Aspen Gray†



Shasta White†

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

\*\* 110 MPH is standard with 4-nail application. 130 MPH is applicable only with 6-nail application and Owens Corning® Starter Shingle products application along eaves and rakes in accordance with installation instructions.

† 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.

†† Values are calculated based on equation provided by CRRRC.

‡ 40-year Limited Warranty on commercial projects.

# International Code Council Evaluation Services Acceptance Criteria for Alternative Asphalt Shingles.

## 1998 NIST study.

## Underwriters Laboratories Evaluation Service Evaluation Report.

ΔΔ Certain exceptions apply for re-roof applications, such as, minimum ceiling (floor attic) insulation of R-38 for steep-slope roofs on low-rise residential buildings.

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

^ Excludes non-Owens Corning® roofing products such as flashing, fasteners and wood decking.

## Oakridge® Shingles Product Attributes

### Warranty Length\*

Limited Lifetime† (for as long as you own your home)

### Wind Resistance Limited Warranty\*

110/130 MPH\*\*

### TruPROtection® Non-Prorated Limited Warranty\* Period

10 Years

## Product Specifications

Nominal Size	13 1/4" x 39 3/8"
Exposure	5 5/8"
Shingles per Square	64
Bundles per Square	3
Coverage per Square	98.4 sq. ft.

## Applicable Standards and Codes

ASTM D228

ASTM D3018 (Type 1)

ASTM D3161 (Class F Wind Resistance)

ASTM D3462

ASTM D7158 (Class H Wind Resistance)

ASTM E108/UL 790 (Class A Fire Resistance)

ICC-ES AC438\*

UL ER2453-01\*\*

Shasta White color meets ENERGY STAR® requirements for initial solar reflectance of 0.25 and 3-year aged solar reflectance of 0.15; 2013 California Building Energy Efficiency Standards, Title 24, Part 6 requirements; rated by the Cool Roof Rating Council (CRRRC).

## Supreme® Shingles Product Attributes

### Warranty Length\*

25-Year Limited

### Wind Resistance Limited Warranty\*

60 MPH

### TruPROtection® Non-Prorated Limited Warranty\* Period

5 Years

## Product Specifications

Nominal Size	13 1/4" x 39 3/8"
Exposure	5 5/8"
Shingles per Square	65
Bundles per Square	3
Coverage per Square	99.98 sq. ft.

## Applicable Standards and Codes

ASTM D228

ASTM D3018 (Type 1)

STN D3161 (Class F Wind Resistance)

ASTM D3462 A

ASTM D7158 (Class H Wind Resistance)

ASTM E108/UL 790 (Class A Fire Resistance)

ICC-ES AC438\*

UL ER2453-01\*\*

Shasta White color meets ENERGY STAR® requirements for initial solar reflectance of 0.25 and 3-year aged solar reflectance of 0.15; 2013 California Building Energy Efficiency Standards, Title 24, Part 6 requirements; rated by the Cool Roof Rating Council (CRRRC).



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