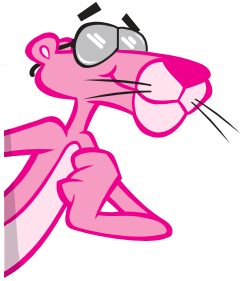




Reflect Your Unique Style

# COOL ROOF COLLECTION

Asphalt Shingle choices to meet California Title 24 Requirements



TruDefinition® Duration® COOL Mountainside®





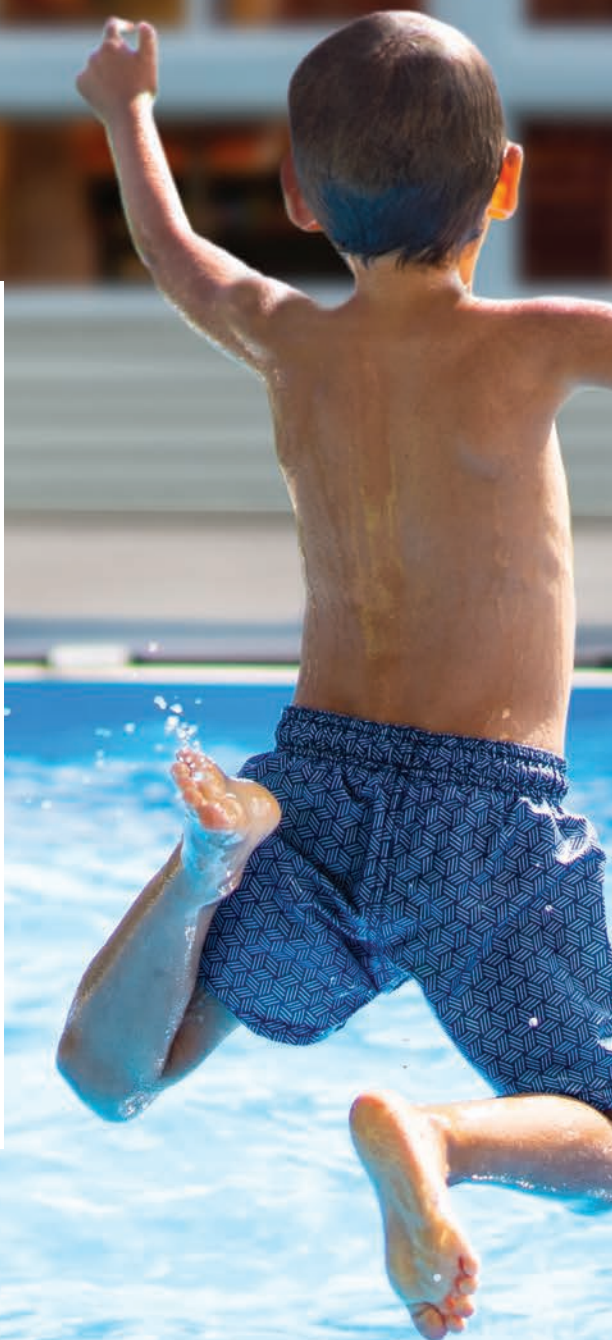


## **MORE THAN JUST A ROOF®** **IT'S PROTECTION FOR YOUR HOME.**

Your home is the center of your world—where your memories are made. And we see it as our job to make the world a better place. So, Owens Corning is relentless about reimagining and creating materials that help protect your biggest investment, your home.

When you choose Owens Corning® roofing products, you get products and systems that deliver a material difference—a difference that can be seen in the curb appeal of your roof and experienced through premium performance, protecting your home and family.

Our commitment to quality offers you peace of mind that your new roof will stand the test of time. At Owens Corning, we know that your roof does more than just cover your house, it helps protect your future memories.





# STAY COMFORTABLE STAY COOL

## THE OWENS CORNING® COOL ROOF COLLECTION

Help keep your roof cooler for a more comfortable home.

Owens Corning® COOL Roof Collection Shingles are specially designed to reflect the sun's energy and absorb less heat than standard shingles, without limiting your color options. Every shingle in the COOL Roof Collection features a precise mix of solar-reflecting granules to help comply with the Solar Reflectance Index (SRI) requirements of Title 24, Part 6, even with deeper, vibrant colors. A roof is 40% of your home's exterior, so choosing the right shingle is important. Combine high-performance building technology with long-lasting beauty—explore our expanded COOL Roof Collection and reflect your unique style.

### COOL Roof Collection shingles...



Can improve  
indoor comfort



Can help reduce  
energy costs



May extend  
roof service life



# COOL ROOF COLLECTION



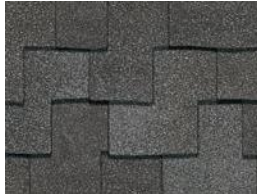
## Options that Exceed 20+ SRI

Owens Corning offers over 20 shingle choices that meet or exceed 20 aged SRI – the current aged Solar Reflectance Index minimum required for the Green Building Standards Code of Los Angeles County.

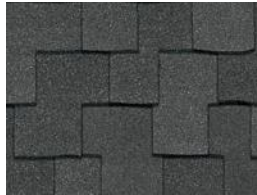
### Woodmoor®/Woodcrest® Shingles



Forest Brown<sup>+</sup>



Mountainside<sup>+</sup>



Night Sky<sup>+</sup>



Sand Castle<sup>+</sup>



Summerwood<sup>+</sup>

### TruDefinition® Duration MAX® Shingles with SureNail® Technology



Forest Brown<sup>+</sup>



Mountainside<sup>+</sup>



Night Sky<sup>+</sup>



Sand Castle<sup>+</sup>



Summerwood<sup>+</sup>

### Duration® Premium COOL Shingles with SureNail® Technology



Frosted Oak<sup>+</sup>



Harbor Fog<sup>+</sup>



Sage<sup>+</sup>



Sunrise<sup>+</sup>

### TruDefinition® Duration® COOL Plus Shingles with SureNail® Technology



Cliffside Gray<sup>+</sup>



Copper Trail<sup>+</sup>



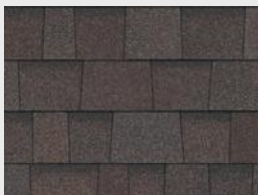
Golden Meadow<sup>+</sup>



Mystic Gray<sup>+</sup>



Prairie Wood<sup>+</sup>



Rolling Stone<sup>+</sup>

20+ SRI

20+ SRI

20+ SRI

## TruDefinition® Duration® COOL Shingles with SureNail® Technology



Amber†



Oyster Shell†



Shasta White†



Sierra Gray†



Forest Brown†



Mojave†



Mountainside†



Night Sky†



Sand Castle†



Summerwood†

20+ SRI

## Oakridge® Shingles



Amber†



Cliffside Gray†



Golden Meadow†



Shasta White†



Sierra Gray†



Sand Castle†

20+ SRI

## Supreme® Shingles



Amber†



Aspen Gray†



Shasta White†



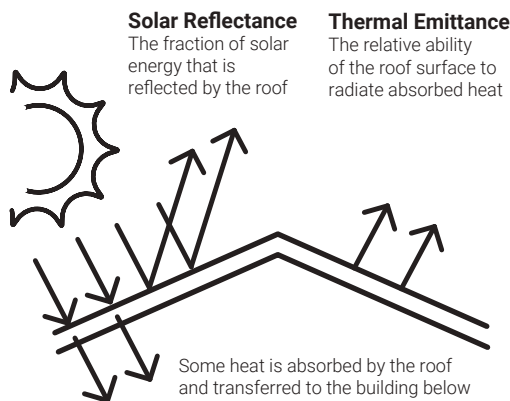
# HELP SAVE ENERGY CONFIDENTLY MEET CODE

## Cool Roof Requirements in California and Other Compliance Programs

- Meet the prescriptive Cool Roof requirements of California Title 24, Part 6
- Are Cool Roof Rating Council (CRRC) rated 
- Meet the Green Building Standards Code of Los Angeles County
- Meet Property Assessed Clean Energy (PACE) financing program requirements
- May help lower household energy consumption by keeping the roof cooler; also may help decrease CO<sub>2</sub> emissions

Contact your local contractor to learn more about code requirements in your area.

## How a roof reacts to heat from the sun



Source: Cool Roof Rating Council (coolroofs.org)

Owens Corning® shingle products listed to the right are also found on the CRRC Rated Product Directory: <http://coolroofs.org/products/> results. The shingle color choices marked in shaded gray indicate that they meet or exceed a 20+ aged Solar Reflectance Index.



## COOL Roof Collection

	Colors	CRRC Product ID	Solar Reflectance	Thermal Emittance	Solar Reflectance Index (SRI)
Woodmoor® and Woodcrest®	Forest Brown	0890-0024	0.17 <sup>◇</sup>	0.92 <sup>∞</sup>	16 <sup>††</sup>
	Mountainside	0890-0027	0.19 <sup>◇</sup>	0.90 <sup>∞</sup>	18 <sup>††</sup>
	Night Sky	0890-0028	0.19 <sup>◇</sup>	0.90 <sup>∞</sup>	18 <sup>††</sup>
	Sand Castle	0890-0029	0.18 <sup>◇</sup>	0.90 <sup>∞</sup>	16 <sup>††</sup>
	Summerwood	0890-0025	0.17 <sup>◇</sup>	0.91 <sup>∞</sup>	16 <sup>††</sup>
TruDefinition® Duration MAX®	Forest Brown <sup>^^</sup>	0890-0018A	0.18 <sup>◇</sup>	0.91 <sup>∞</sup>	17 <sup>††</sup>
	Mountainside <sup>^^</sup>	0890-0016A	0.19 <sup>◇</sup>	0.92 <sup>∞</sup>	19 <sup>††</sup>
	Night Sky <sup>^^</sup>	0890-0026	0.18 <sup>◇</sup>	0.90 <sup>∞</sup>	16 <sup>††</sup>
	Sand Castle <sup>^^</sup>	0890-0020	0.17	0.92	16
	Summerwood <sup>^^</sup>	0890-0015A	0.18 <sup>◇</sup>	0.91 <sup>∞</sup>	18 <sup>††</sup>
Duration® Premium COOL	Frosted Oak <sup>^^</sup>	0890-0005	0.28	0.91	30
	Harbor Fog <sup>^^</sup>	0890-0004	0.30	0.90	32
	Sage <sup>^^</sup>	0890-0003	0.29	0.88	30
	Sunrise <sup>^^</sup>	0890-0006	0.28	0.91	30
TruDefinition® Duration® COOL Plus	Cliffside Gray <sup>^^</sup>	0890-0031	0.20 <sup>◇</sup>	0.91 <sup>∞</sup>	20 <sup>††</sup>
	Copper Trail <sup>^^</sup>	0890-0030	0.21 <sup>◇</sup>	0.92 <sup>∞</sup>	21 <sup>††</sup>
	Golden Meadow <sup>^^</sup>	0890-0033	0.21 <sup>◇</sup>	0.94 <sup>∞</sup>	22 <sup>††</sup>
	Mystic Gray <sup>^^</sup>	0890-0032	0.21 <sup>◇</sup>	0.93 <sup>∞</sup>	22 <sup>††</sup>
	Prairie Wood <sup>^^</sup>	0890-0035	0.20 <sup>◇</sup>	0.92 <sup>∞</sup>	20 <sup>††</sup>
	Rolling Stone <sup>^^</sup>	0890-0034	0.21 <sup>◇</sup>	0.93 <sup>∞</sup>	22 <sup>††</sup>
TruDefinition® Duration® COOL	Amber <sup>^^</sup>	0890-0009	0.23	0.92	24
	Oyster Shell <sup>^^</sup>	0890-0012	0.22	0.93	23
	Shasta White <sup>^^</sup>	0890-0008	0.29	0.87	29
	Sierra Gray <sup>^^</sup>	0890-0013	0.20	0.92	20
	Forest Brown <sup>^^</sup>	0890-0018A	0.18 <sup>◇</sup>	0.91 <sup>∞</sup>	17 <sup>††</sup>
	Mojave <sup>^^</sup>	0890-0017A	0.19 <sup>◇</sup>	0.92 <sup>∞</sup>	19 <sup>††</sup>
	Mountainside <sup>^^</sup>	0890-0016A	0.19 <sup>◇</sup>	0.92 <sup>∞</sup>	19 <sup>††</sup>
	Night Sky <sup>^^</sup>	0890-0026	0.18 <sup>◇</sup>	0.90 <sup>∞</sup>	16 <sup>††</sup>
	Sand Castle <sup>^^</sup>	0890-0020	0.17	0.92	16
	Summerwood <sup>^^</sup>	0890-0015A	0.18 <sup>◇</sup>	0.91 <sup>∞</sup>	18 <sup>††</sup>
	Amber	0890-0009	0.23	0.92	24
	Cliffside Gray	0890-0036	0.21 <sup>◇</sup>	0.91 <sup>∞</sup>	21 <sup>††</sup>
Oakridge®	Golden Meadow	0890-0037	0.21 <sup>◇</sup>	0.92 <sup>∞</sup>	21 <sup>††</sup>
	Shasta White	0890-0002	0.28	0.91	30
	Sierra Gray	0890-0013	0.20	0.92	20
	Sand Castle	0890-0020	0.17	0.92	16
	Amber	0890-0014	0.22 <sup>◇</sup>	0.92 <sup>∞</sup>	22 <sup>††</sup>
Supreme®	Aspen Gray	0890-0010	0.20	0.92	20
	Shasta White	0890-0001	0.29	0.92	31

20+ SRI

20+ SRI

20+ SRI



## There's a line between a good shingle and a great shingle®

It's the nailing line on your shingles. The difference between a good shingle and a great shingle is having Patented SureNail® Technology. With SureNail® strip, strength and durability are built into every Duration® Series shingle. This unique shingle design provides outstanding gripping power.



### Excellent Adhesive Power

Helps keep the shingle layers laminated.

### Outstanding Grip

Our enhanced Tru-Bond®\*\* sealant grips tightly to the engineered fabric nailing strip on the shingle below.

### Breakthrough Design

Patented SureNail® Technology is the first and only reinforced nailing zone on the face of the shingle.



### "No Guess" Wide Nailing Zone

This tough, engineered woven-fabric strip is embedded in the shingle to create an easy-to-see, strong, durable fastener zone.

### Triple Layer Protection®+

A unique "triple layer" of reinforcement occurs when the fabric overlays the common bond of the shingle laminate layers that offers excellent fastener holding power.



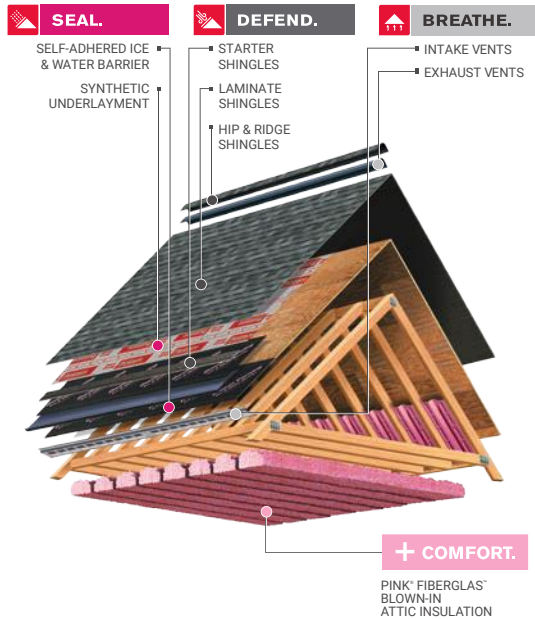
### Double the Common Bond

SureNail® Technology features up to a 200% wider common bond area in the nailing zone over standard shingles.

# SEAL. DEFEND. BREATHE.®

## TOTAL PROTECTION ROOFING SYSTEM®

It takes more than just shingles to protect a home. It takes an integrated system of components and layers designed to perform in three critical areas. The Owens Corning® Total Protection Roofing System® gives you the assurance that all of your Owens Corning® roofing components are working together to help increase the performance of your roof.



		Woodmoor® and Woodcrest® Shingles	TruDefinition® Duration MAX® Shingles	Duration® Premium COOL Shingles	TruDefinition® Duration® COOL Plus Shingles	TruDefinition® Duration® COOL Shingles	Oakridge® Shingles	Supreme® Shingles
Product Attributes	Warranty Length*	Limited Lifetime <sup>§/†</sup>	Limited Lifetime <sup>§/†</sup>	Limited Lifetime <sup>§/†</sup>	Limited Lifetime <sup>§/†</sup>	Limited Lifetime <sup>§/†</sup>	Limited Lifetime <sup>§/†</sup>	25-Year Limited
	Wind Resistance Limited Warranty*	110/130 MPH <sup>§§</sup>	130 MPH	130 MPH	130 MPH	130 MPH	110/130 MPH <sup>††</sup>	60 MPH
	Algae Resistance Limited Warranty*	10 Years	N/A	10 Years	N/A	N/A	N/A	N/A
	TRU PROtection® Non-Prorated Limited Warranty* Period	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	5 Years
Product Specifications	Nominal Size	14 1/4" x 40"	13 1/4" x 39 3/8"	13 1/4" x 39 3/8"	13 1/4" x 39 3/8"	13 1/4" x 39 3/8"	13 1/4" x 39 3/8"	13 1/4" x 39 3/8"
	Application Exposure	4"	5 5/8"	5 5/8"	5 5/8"	5 5/8"	5 5/8"	5 5/8"
	Shingles per Square	90	64	64	64	64	64	65
	Bundles per Square	6	4	4	3	3	3	3
	Coverage per Square	100 sq. ft.	98.4 sq. ft.	98.4 sq. ft.	98.4 sq. ft.	98.4 sq. ft.	98.4 sq. ft.	100 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\*

PRI ER 1378E01

Florida Product Approval (Supreme® Shingles, Oakridge® Shingles and Duration® Premium COOL Shingles)

\* 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.

†† SRI calculation based on calculated aged solar reflectance and initial thermal emittance. SRI is calculated using California Energy Commission SRI calculator worksheet and it is calculated in accordance with ASTM E1980.

§ For as long as you own your home.

◇ Aged solar reflectance calculated based on equation provided in California Energy Code (Title 24, Part 6).

∞ Indicates initial thermal emittance.

^^ Features Patented SureNail® Technology.

‡ 40-year Limited Warranty on commercial projects.

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

§§ 130 MPH is applicable only with Owens Corning® Starter Shingle product application along eaves and rakes in accordance with installation instructions. Refer to installation instructions for complete details.

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, pipe boots and wood decking.

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

For patent information, please visit [www.owenscorning.com/patents](http://www.owenscorning.com/patents).

SureNail® Technology is not a guarantee of performance in all weather conditions.

SureNail® Technology is available only on Owens Corning® Duration® Series Shingles.

+The amount of Triple Layer Protection® may vary on shingle-to-shingle basis.



**OWENS CORNING ROOFING AND ASPHALT, LLC**  
ONE OWENS CORNING PARKWAY  
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