



TruDefinition®
DURATION® COOL

Shingles with Patented SureNail® Technology



Summerwood®

TruDefinition®

DURATION® COOL

Shingles with Patented SureNail® Technology

Color and Curb Appeal

TruDefinition® Duration® COOL Shingles provide dramatic curb appeal and outstanding performance.

The TruDefinition® color platform provides an exclusive combination of color, depth, and shadowing that makes for an exciting impression from the curb.

TruDefinition® Duration® COOL color offerings are specifically designed with solar-reflecting granules to help decrease the amount of heat transferred into a home. They also meet the prescriptive Cool Roof Requirements of California Title 24, Part 6 and are rated by the Cool Roof Rating Council (CRRC). Being COOL has never looked better.

Features of Duration® Shingles:

- Patented SureNail® Technology
- Limited Lifetime Warranty*/**
(for as long as you own your home)
- 130-MPH Wind Resistance Limited Warranty*
- Coordinates with color-matched Owens Corning® Hip & Ridge shingles for a finished look



20+ SRI



Amber†




Oyster Shell†



Shasta White†



Sierra Gray†

 COOL Roof Collection					
	Colors	CRRC Product ID	Solar Reflectance	Thermal Emittance	Solar Reflectance Index (SRI)
TruDefinition® Duration® COOL	Amber	0890-0009	0.23	0.92	24
	Oyster Shell	0890-0012	0.23	0.93	24
	Shasta White	0890-0008	0.29	0.87	29
	Sierra Gray	0890-0013	0.20	0.92	20
	Forest Brown	0890-0018A	0.18	0.92	17
	Mojave	0890-0017A	0.19	0.91	18
	Moutainside	0890-0016A	0.19	0.91	19
	Night Sky	0890-0026	0.18 [◇]	0.90 ^{◇◇}	16 ^{††}
	Sand Castle	0890-0020	0.17	0.92	16
	Summerwood	0890-0015A	0.18	0.91	18

20+ SRI

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

◇◇ Indicates initial thermal emittance.

†† 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.

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



Forest Brown[†]



Mojave[†]



Mountainside[†]



Night Sky[†]



Sand Castle[†]



Summerwood[†]



ENERGY STAR[®] IS FOR ROOFS TOO

Similar to the energy-efficient appliances in your home, roofing products can help provide energy-saving qualities. Owens Corning[®] ENERGY STAR[®] qualified shingles can help reduce your heating and cooling bills when installed properly. These shingles reflect solar energy, helping to decrease the amount of heat transferred to a home's interior – and the amount of air conditioning needed to keep it comfortable. Actual savings will vary based on geographic location and individual building characteristics. Call 1-800-GET-PINK[®] or 1-888-STAR-YES for more information.

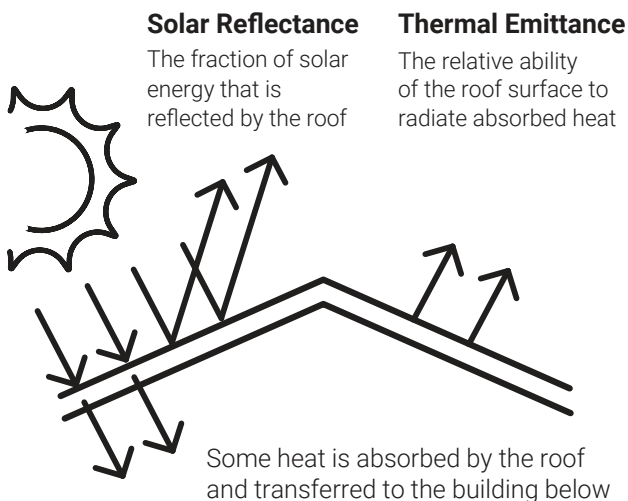


Owens Corning® COOL Roof Collection



In a premium offering of TruDefinition® Duration® COOL Shingles, there are COOL Roof Collection colors that are specially designed to reflect the sun's rays, helping to make your home more comfortable and energy efficient. These deep, rich colors are unexpected for solar-reflecting shingles, which are typically very light in color. Now you can save energy and look great at the same time.

How a roof reacts to heat from the sun



Adapted from the Cool Roof Rating Council (coolroofs.org)

Cool Roof Requirements in California and Other Compliance Programs

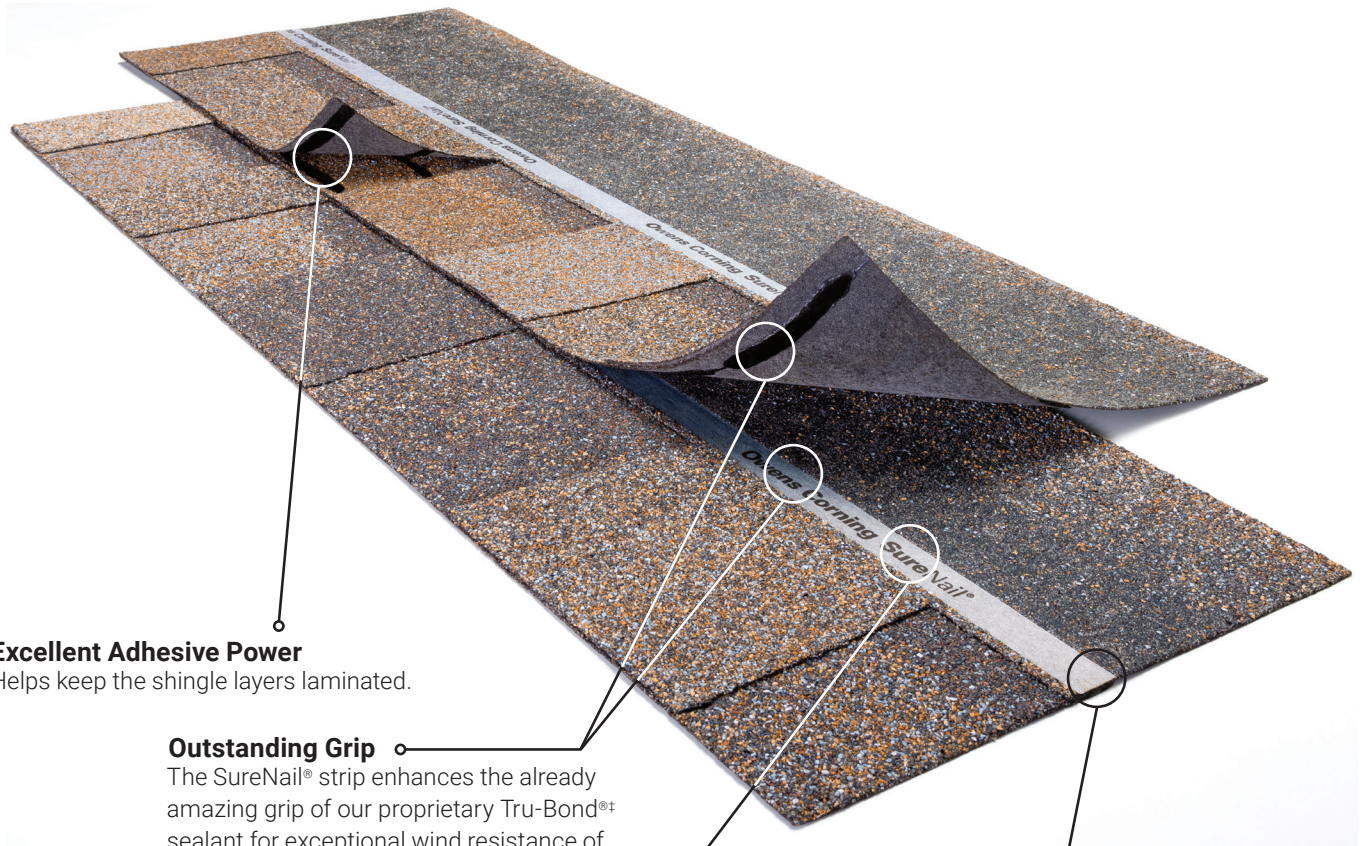
Additional Features of COOL Roof Collection colors:

- Meet the prescriptive Cool Roof Requirements of California Title 24, Part 6
- Are Cool Roof Rating Council (CRRRC) rated
- Meet City of Los Angeles Cool Roof Requirements
- Meet Property Assessed Clean Energy (PACE) Financing Program Requirements
- May help lower household energy consumption by keeping the roof cooler; also may help decrease CO₂ emissions



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

It's the nailing line on your shingles. The difference is having SureNail® Technology.



Excellent Adhesive Power

Helps keep the shingle layers laminated.

Outstanding Grip

The SureNail® strip enhances the already amazing grip of our proprietary Tru-Bond® sealant for exceptional wind resistance of a 130-MPH wind warranty.*

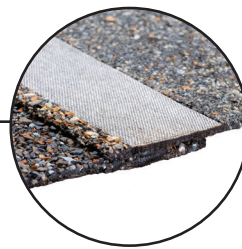


Breakthrough Design

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 two shingle layers, called the common bond area.

Double the Common Bond

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



Product Attributes

Warranty Length*

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

Wind Resistance Limited Warranty*

130 MPH

TRU PROtection® Non-Prorated Limited Warranty* Period

10 Years

TruDefinition® Duration® COOL Shingles Product Specifications

Size	13¼" x 39¾"
Application Exposure	5½"
Shingles per Bundle	Not less than 20
Average Shingle Count per 3 Bundles	64
Average Coverage per 3 Bundles	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#

PRI ER 1378E01

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).

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

† Actual colors and granule blends may vary from the photo. We suggest that you view actual product on the roof to get a better idea of the finish color. Color availability subject to change without notice. Ask your professional roofing contractor for samples of colors available in your area.

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

‡ Tru-Bond® is a proprietary premium weathering-grade asphalt sealant that is blended by Owens Corning Roofing and Asphalt, LLC.

‡‡ 40-Year Limited Warranty on commercial projects.

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

For patent information, please visit www.owenscorning.com/patents.

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

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

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.

Disclaimer of Liability

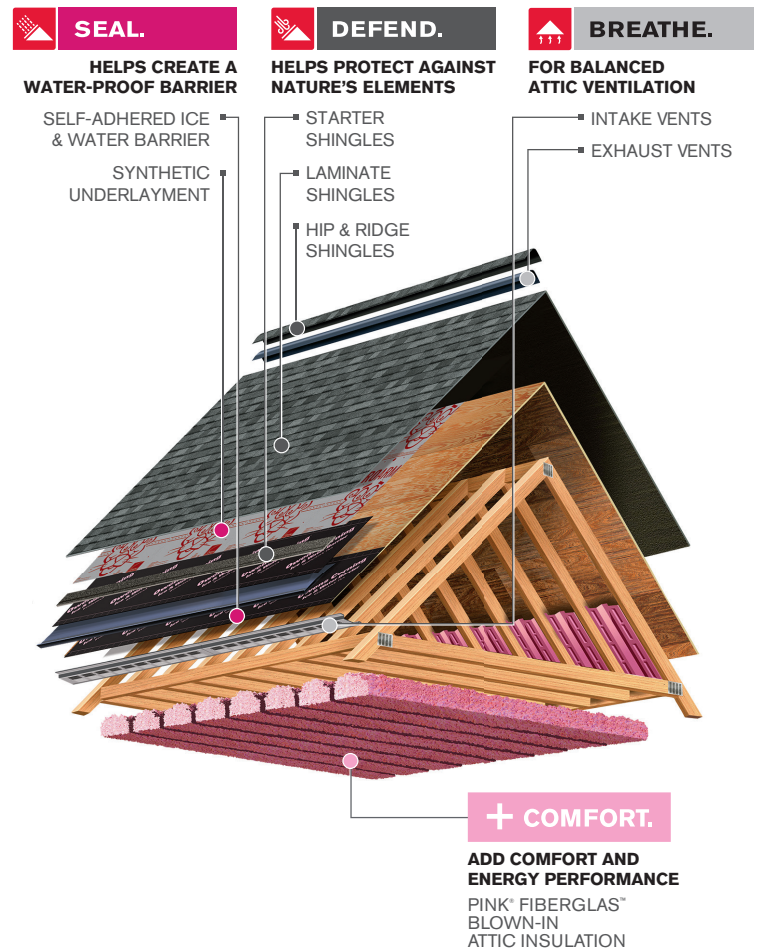
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Total Protection. Total Confidence.®

The most important part of the roof?
All of them.



It takes more than just shingles to protect a home. It takes an integrated system of components and layers designed to withstand the forces of nature outside while controlling temperature and humidity inside. The Owens Corning® Total Protection Roofing System®^ gives your customers the assurance that all of their Owens Corning® roofing components are working together to help increase the performance of the roof – and to enhance the comfort and enjoyment of those who live beneath it.



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(Compton)