



TruDefinition®
DURATION® COOL Plus
Asphalt Shingles with Patented SureNail® Technology



TruDefinition® Duration® Cool Plus Midnight™





A BOLD COMBINATION OF PERFORMANCE AND STYLE

TRUDEFINITION® DURATION® COOL *Plus*

TruDefinition® Duration® COOL *Plus* Shingles with patented SureNail® Technology offer exceptional performance combined with unique color options to enhance your home's curb appeal. They are specifically designed with solar-reflecting granules to help decrease the amount of heat transferred into your home while providing bold color contrast and added dimension. They also come with the advanced performance of patented SureNail® Technology—a technological breakthrough in roofing that offers excellent holding power over standard shingles.

- Meets the Green Building Standards Code of Los Angeles County and California Title 24, Part 6 Cool Roof Requirements
- 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

TRUDEFINITION® DURATION® COOL Plus



Options that Exceed 20+ SRI

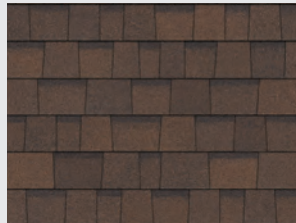
Owens Corning offers a wide array of shingle choices that meet or exceed an aged SRI of 20 – the current aged Solar Reflectance Index minimum required for the Green Building Standards Code of Los Angeles County and Los Angeles City Cool Roofs Ordinance.

20+ SRI

TruDefinition® Duration® COOL Plus Shingles with SureNail® Technology



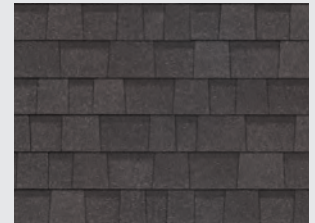
Cliffside Gray¹



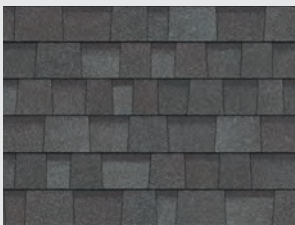
Copper Trail¹



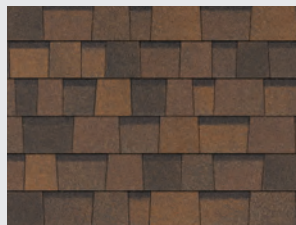
Golden Meadow¹



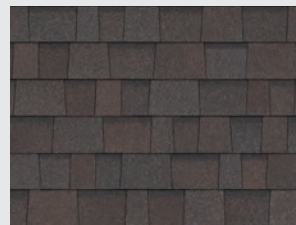
Midnight¹



Mystic Gray¹



Prairie Wood¹



Rolling Stone¹

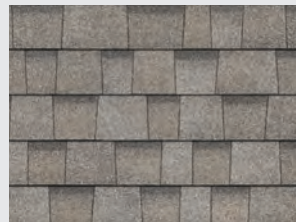
For more color options that also meet or exceed 20 SRI requirements, explore the TruDefinition® Duration® COOL collection.

20+ SRI

TruDefinition® Duration® COOL Shingles with SureNail® Technology



Amber¹



Oyster Shell¹



Shasta White¹



Sierra Gray¹

COLOR DISCLAIMER

As color experts, we know getting the shingle color right is a big part of any roofing purchase. Due to printing color variations, in addition to viewing shingle literature, we suggest you request an actual shingle sample to see how it will appear on your home and with your home's exterior elements in various natural lighting conditions. Lastly, we recommend you verify your color choice by seeing it installed on an actual home; your roofing contractor or supplier can provide a sample and may be able to direct you to a local installation.



COOL Roof Collection

	Colors	CRRC Product ID	Solar Reflectance	Thermal Emittance	Solar Reflectance Index (SRI)
TruDefinition® Duration® COOL Plus	Cliffside Gray	0890-0031	0.21 [◇]	0.91 [⊘]	21 ^{††}
	Copper Trail	0890-0030	0.21 [◇]	0.92 [⊘]	21 ^{††}
	Golden Meadow	0890-0033	0.21 [◇]	0.94 [⊘]	22 ^{††}
	Midnight	0890-0038	0.21 [◇]	0.91 [⊘]	21 ^{††}
	Mystic Gray	0890-0032	0.21 [◇]	0.93 [⊘]	22 ^{††}
	Prairie Wood	0890-0035	0.20 [◇]	0.92 [⊘]	20 ^{††}
	Rolling Stone	0890-0034	0.21 [◇]	0.93 [⊘]	22 ^{††}
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


20+ SRI

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

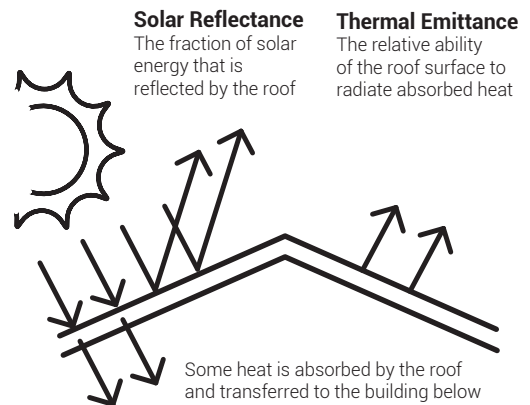


HELP SAVE ENERGY CONFIDENTLY MEET CODE

Cool Roof Requirements in California and Other Compliance Programs

- Meet the Green Building Standards Code of Los Angeles County
- Meet the prescriptive Cool Roof requirements of California Title 24, Part 6
- Are Cool Roof Rating Council (CRRC) rated 
- 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

How a roof reacts to heat from the sun



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

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

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

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

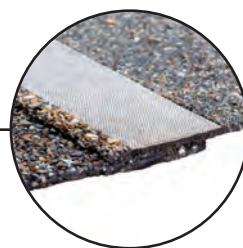


Breakthrough Design

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.

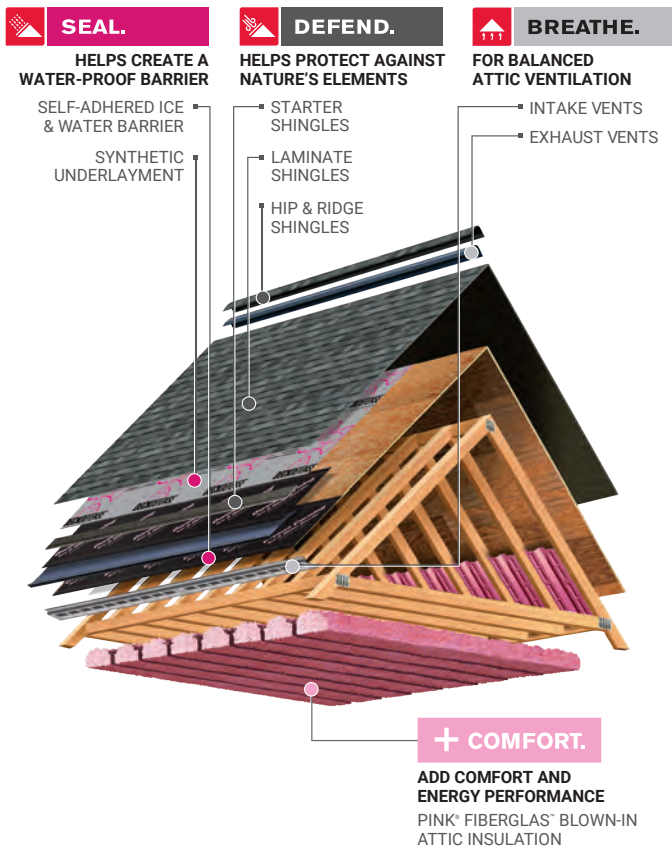
Double the Common Bond

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

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.



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	TruDefinition® Duration® COOL Plus Shingles	TruDefinition® Duration® COOL Shingles	
Product Attributes	Warranty Length*	Limited Lifetime†	Limited Lifetime†
	Wind Resistance Limited Warranty*	130-MPH	130-MPH
	TRU PROtection® Non-Prorated Limited Warranty* Period	10 Years	10 Years
Product Specifications	Nominal Size	13 ¹ / ₄ " x 39 ³ / ₈ "	13 ¹ / ₄ " x 39 ³ / ₈ "
	Application Exposure	5 ⁵ / ₈ "	5 ⁵ / ₈ "
	Shingles per Square	64	64
	Bundles per Square	3	3
	Coverage per Square	98.4 sq. ft.	98.4 sq. ft.

Applicable Standards and Codes

ASTM D3462

ASTM D228

ASTM D3018 (Type 1)

ICC-ES AC438#

ASTM D3161 (Class F Wind Resistance)

ASTM D7158 (Class H Wind Resistance)

ASTM E108/UL 790 (Class A Fire Resistance)

PRI ER 1378E01

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

† 40-year Limited Warranty on commercial projects.

†† 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.

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

◇◇ Indicates initial thermal emittance.

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

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

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

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

1 See Color Disclaimer Information on page 3 for additional details.

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

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