TruDefinition® DURATION® COOL Shingles *with Patented SureNail® Technology*

TruDefinition®
DURATION® COOL
Shingles *with Patented SureNail® Technology*

Color and Curb Appeal

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

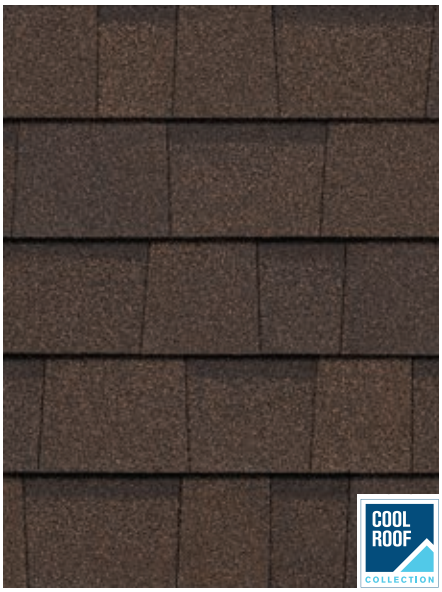
The TruDefinition® color platform provides an exclusive combination of color, depth and shadowing that makes for an exciting impression from the curb.

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, and are rated by the Cool Roof Rating Council (CRRC). Being COOL has never looked better.

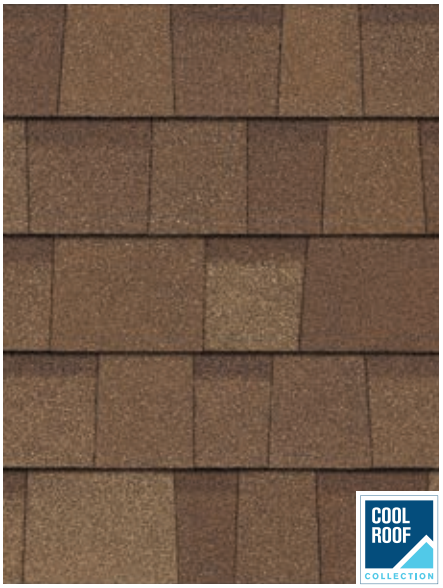
Features of Duration® Shingles:

- 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

Amber†



Forest Brown†



Mojave†

Mountainside†

Night Sky†

Oyster Shell†

COOL ROOF COLLECTION

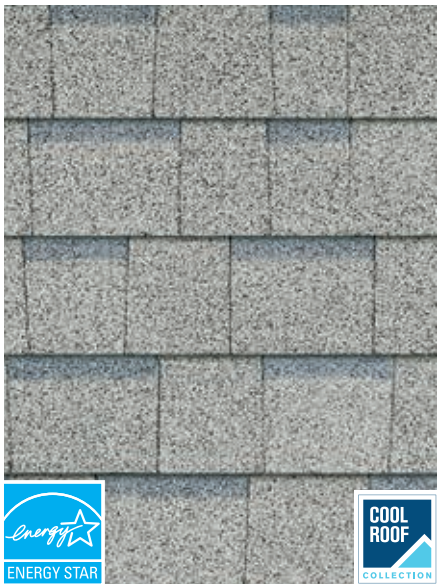
Owens Corning® COOL Roof Shingles	CRRC Product ID	Warranty Length	Solar Reflectance	Thermal Emittance	Solar Reflectance Index (SRI)
TruDefinition® Duration® COOL Amber	0890-0009	Limited Lifetime*/‡‡	0.21◊	0.92^^	21††
TruDefinition® Duration® COOL Forest Brown	0890-0018	Limited Lifetime*/‡‡	0.19◊	0.90^^	18††
TruDefinition® Duration® COOL Mojave	0890-0017	Limited Lifetime*/‡‡	0.19◊	0.90^^	18††
TruDefinition® Duration® COOL Mountainside	0890-0016	Limited Lifetime*/‡‡	0.20◊	0.90^^	19††
TruDefinition® Duration® COOL Night Sky	0890-0026	Limited Lifetime*/‡‡	0.18◊	0.90^^	16††
TruDefinition® Duration® COOL Oyster Shell	0890-0012	Limited Lifetime*/‡‡	0.22◊	0.92^^	22††
TruDefinition® Duration® COOL Sand Castle	0890-0020	Limited Lifetime*/‡‡	0.18◊	0.92^^	17††
TruDefinition® Duration® COOL Shasta White	0890-0008	Limited Lifetime*/‡‡	0.28	0.91	29
TruDefinition® Duration® COOL Sierra Gray	0890-0013	Limited Lifetime*/‡‡	0.20◊	0.92^^	20††
TruDefinition® Duration® COOL Summerwood	0890-0015	Limited Lifetime*/‡‡	0.20◊	0.90^^	19††

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

^^ Indicates initial thermal emittance.

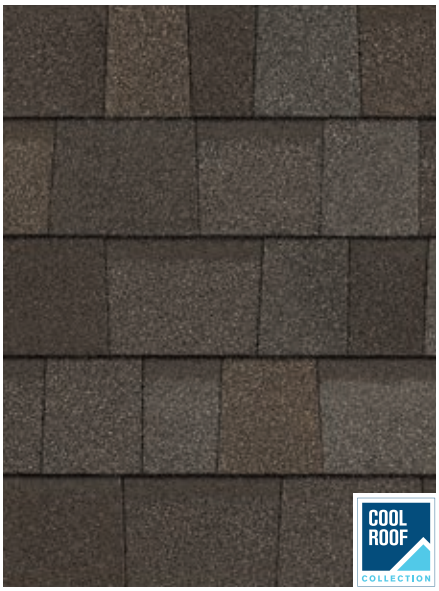
†† SRI calculation based on calculated aged solar reflectance and initial thermal emittance. SRI is calculated using California Energy Commission SRI calculator worksheet and it is calculated in accordance with ASTM E1980.

Sand Castle†



Shasta White†

Sierra Gray†



Summerwood†

ENERGY STAR® IS FOR ROOFS TOO

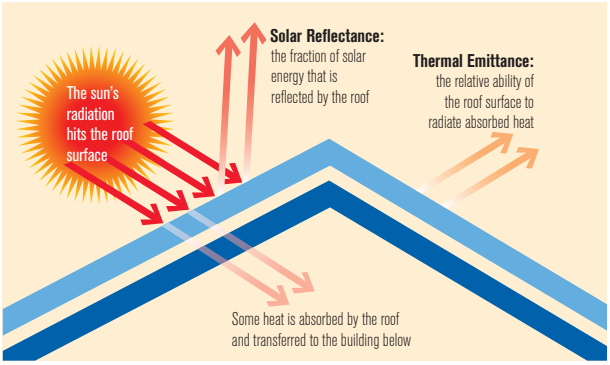
Similar to the energy-efficient appliances in your home, roofing products can help provide energy-saving qualities. Owens Corning® ENERGY STAR® qualified shingles can help reduce your heating and cooling bills when installed properly. These shingles reflect solar energy, helping to decrease the amount 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.

Summerwood†

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.



Source: Cool Roof Rating Council (http://www.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 (CRRC) 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 CO_2 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.

SureNail® Technology

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

Nominal Size	13¼" x 39⅜"
Exposure	5⅝"
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##
UL ER2453-02##
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.

\## Underwriters Laboratories Evaluation Service Evaluation Report.

SureNail® Technology is proprietary with U.S. and foreign protection including U.S. Patent Nos. 6,471,812; 7,836,654; 8,156,704; 8,181,413; 8,240,102; 8,430,983; 8,607,521; 8,623,164; 8,752,351; 8,991,130; 9,121,178; and other patents pending.

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.

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 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.

SEAL.

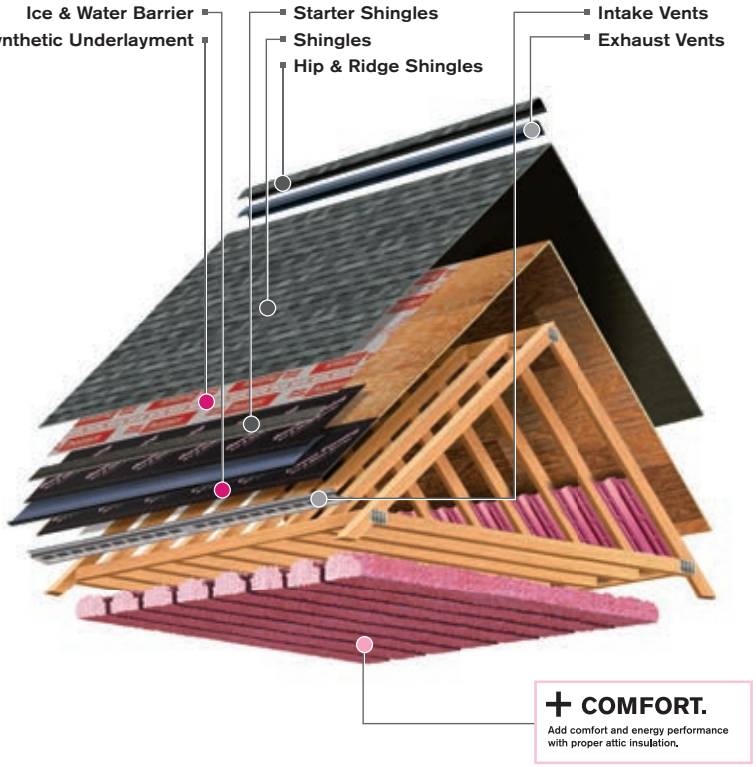
HELPS CREATE A WATER-PROOF BARRIER

DEFEND.

HELPS PROTECT AGAINST NATURE'S ELEMENTS

BREATHE.

FOR BALANCED ATTIC VENTILATION



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(Compton)