



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



TruDefinition® Duration® COOL Summerwood†





## Take comfort with a Cool Roof.

TruDefinition® Duration® COOL shingles are specially designed to reflect the sun's rays, helping to make your home more comfortable and energy efficient.

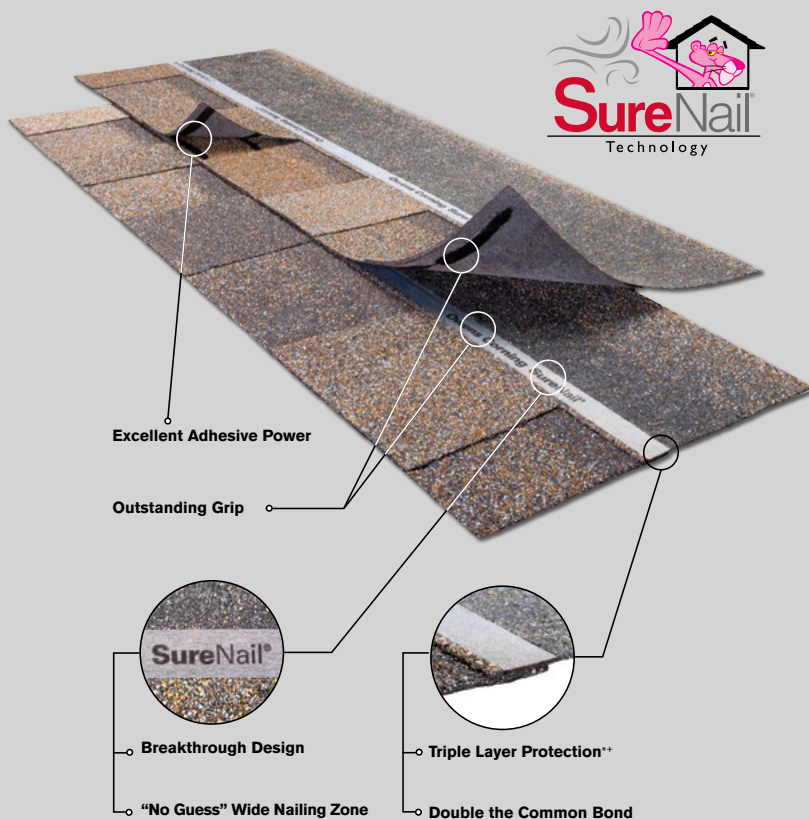
Similar to energy-efficient appliances in your home, a "Cool Roof" helps provide energy-saving qualities. TruDefinition® Duration® COOL shingles reflect solar energy, helping to decrease the amount of heat transferred to a home's interior—and the amount of air conditioning needed to keep it comfortable.

TruDefinition® Duration® COOL shingles provide the same outstanding performance, durability and style you expect from *Duration Series* shingles, with the addition of a specially formulated blend of solar-reflecting granules. With TruDefinition® Duration® COOL shingles, your roof stays cool and so do you.

## Trust the Grip of the SureNail® Strip™.

There is 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 **SureNail® Technology**. This unique shingle design provides outstanding gripping power.





## TruDefinition® Duration® COOL Shingles



Forest Brown†



Mojave†



Mountainside†



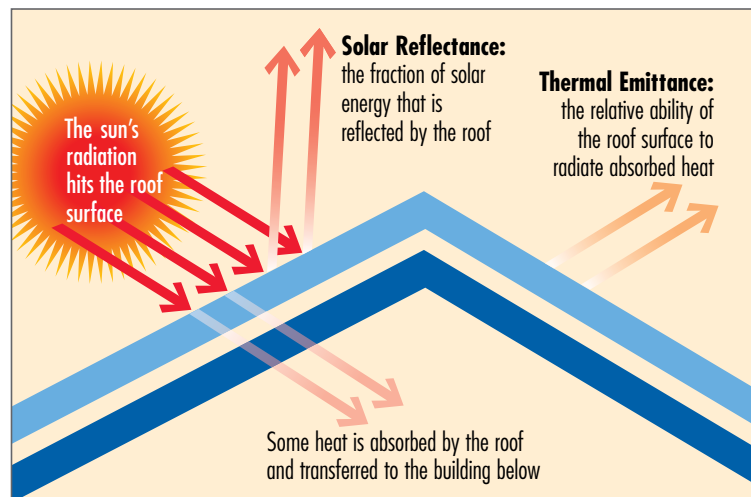
Night Sky†



Summerwood†

## How TruDefinition® Duration® COOL shingles work.

TruDefinition® Duration® COOL shingles utilize a highly reflective granule technology that allows them to reflect the sun's heat, thereby reducing the heat transferred into the structure.



Cool Roof Rating Council ([www.coolroofs.org](http://www.coolroofs.org))

**TruDefinition® Duration® COOL shingles feature solar-reflecting granules that help keep roofs cool†† for a more comfortable living space below.**



TruDefinition® Duration® COOL Summerwood†

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



Owens Corning® COOL Roof Shingles	CRRC Product ID	Warranty	Solar Reflectance	Thermal Emittance	Solar Reflectance Index (SRI)
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 Summerwood	0890-0015	Limited Lifetime*	0.20◊	0.90◊◊	19†††

# TOTAL PROTECTION SIMPLIFIED™



Owens Corning®  
Total Protection Roofing  
System® ^ integrates  
engineered Owens Corning

components that work together to address these three primary performance areas, critical to a high-performance roof, while also making it easy to understand the importance of each. **With Owens Corning, it's easy to confidently deliver total protection, beauty and peace of mind.**

## SEAL.

**HELPS CREATE A WATER-PROOF BARRIER**  
Ice & Water Barrier  
Synthetic Underlayment

## DEFEND.

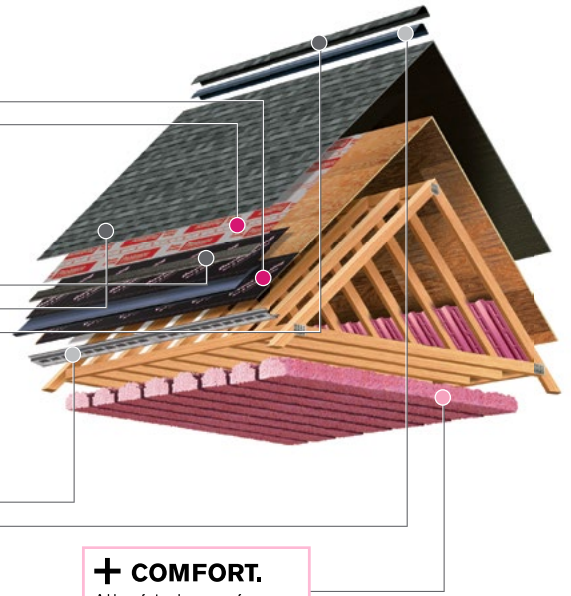
**HELPS PROTECT AGAINST NATURE'S ELEMENTS**  
Starter Shingles  
Shingles  
Hip & Ridge Shingles

## BREATHE.

**FOR BALANCED ATTIC VENTILATION**  
Intake Vents  
Exhaust Vents

## + COMFORT.

Add comfort and energy performance with proper attic insulation.



## 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

## TruDefinition® Duration® COOL Shingles 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 D2228

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##

California Building Energy Efficiency Standards, Title 24, Part 6 requirements; rated by the Cool Roof Rating Council (CRRCC).

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

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

† Owens Corning Roofing 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.

†† Estimated roof surface temperature reduction based on 1998 NIST study, Analytical Study of Residential Buildings with Reflective Roofs. A temperature reduction is representative of a change from a typical roof to a Cool Roof (solar reflectance 10 to 25) in most climates.

††† 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.

+ 40-Year Limited Warranty on commercial projects.

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

## Underwriters Laboratories Evaluation Service Evaluation Report.

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

◇◇ Indicates initial thermal emittance.

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

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.

Shingles are algae resistant to help control the growth of algae and discoloration.



**OWENS CORNING ROOFING AND ASPHALT, LLC**  
ONE OWENS CORNING PARKWAY  
TOLEDO, OHIO, USA 43659  
**1-800-GET-PINK®**  
**www.owenscorning.com/roofing**



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(Compton)