



TruDefinition®  
**DURATION STORM**®  
 Impact-Resistant Shingles with WeatherGuard® and SureNail® Technologies



Onyx Black

TruDefinition® **Duration STORM**® Shingles are a component of the Owens Corning™ Total Protection Roofing System.™^

# TWO TECHNOLOGICAL BREAKTHROUGHS IN ONE HIGH-PERFORMANCE SHINGLE.

The innovative features of *TruDefinition Duration STORM* Impact-Resistant Shingles with patented *SureNail* and *WeatherGuard* Technologies offer the following:



**Breakthrough Design.** Featuring a tough, woven engineered reinforcing fabric to deliver consistent fastening during installation.

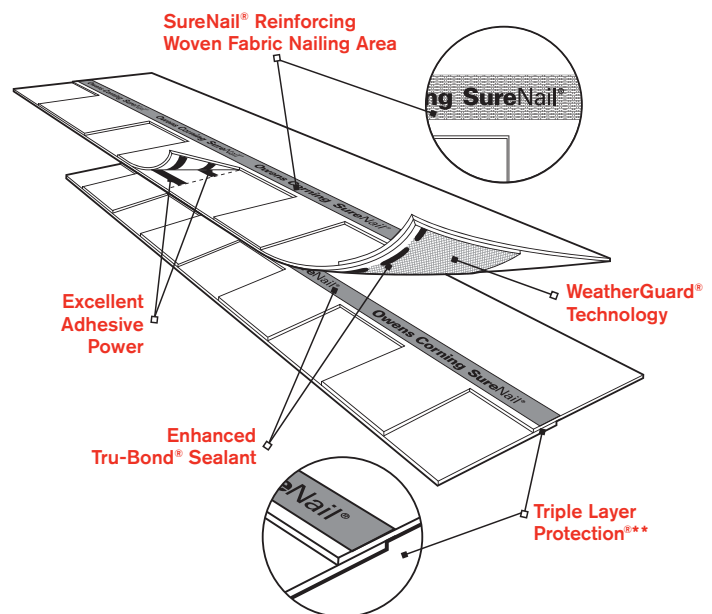
**Triple Layer Protection®** A unique “triple layer” of reinforcement occurs when the fabric overlays the common bond of the shingle laminate layers that offers excellent fastener holding power.

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

**Excellent Adhesive Power.** Specially formulated, wide adhesive bands help keep shingle layers laminated together.

**Exceptional Wind Resistance.** Engineered to deliver 130-MPH\*++ wind warranty performance with only 4 nails. Fewer nails required can mean fewer deck penetrations.

**Impact Resistance.** The integrated polymeric backing feature of our patented *WeatherGuard* Technology helps achieve one of the industry's highest ratings.





## BEAUTY THAT'S DESIGNED TO WEATHER THE STORM.

**TruDefinition® Duration STORM® Impact-Resistant Shingles with WeatherGuard® Technology are the ideal premium shingle choice for homeowners concerned with the effect of severe weather on their roof.**

Unlike standard shingles, *TruDefinition Duration STORM* features patented *WeatherGuard* Technology.

- Integrated polymeric backing material allows the shingles to meet one of the industry's highest ratings for impact resistance, UL 2218, Class 4
- May allow homeowners to qualify for insurance premium discounts<sup>s</sup>

*TruDefinition Duration STORM* Shingles also utilize *SureNail®* Technology that provides *Triple Layer Protection®* in the nailing zone and excellent adhesive power. This shingle and corresponding *ProEdge STORM®* Impact-Resistant Hip & Ridge Shingles<sup>3</sup> are designed for outstanding holding power against the high winds of severe storms — up to 130 MPH.\*/+

***TruDefinition Duration STORM* Shingles are specially formulated to provide great contrast and dimension to any roof.**

They offer beauty and performance that homeowners will enjoy before, during and after the storm.

- Multiple granule colors and shadowing offer a truly unique and dramatic effect
- Available in popular colors with bold, lively contrast and complementing shadow lines for greater dimension
- Limited Lifetime Warranty\*/+† (for as long as you own your home)
- 130-MPH Wind Resistance Limited Warranty\*/+†
- Algae Resistance Limited Warranty\*

Available Colors



Desert Tan†



Brownwood†



Teak†



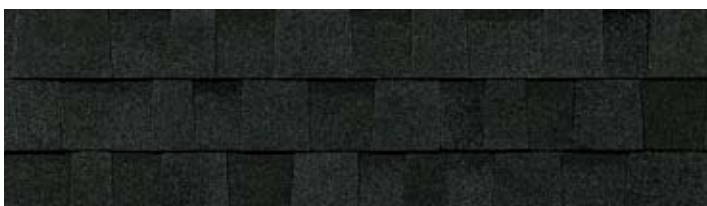
Driftwood†



Antique Silver†



Estate Gray†



Onyx Black†

## DURABILITY THAT STANDS UP TO EVERYTHING MOTHER NATURE'S GOT.

### First-class protection.

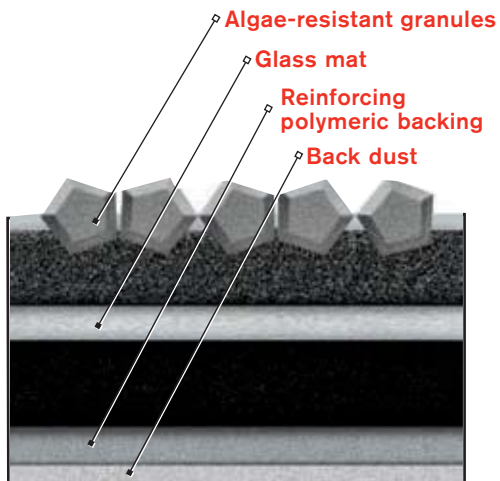
Underwriters Laboratories (UL) has one of the most demanding standards for testing the impact resistance of shingles. The UL 2218 test determines the amount of stress a newly manufactured roofing shingle can withstand without cracking. It also rates the shingle's performance. *TruDefinition Duration STORM* Shingles have achieved one of the highest ratings possible— Class 4. Here's how the testing works:

- Four different-sized steel balls are used to simulate the force of free-falling hailstones
- To test impact resistance, shingles are struck twice in the same spot
- A class rating is assigned to signify resistance to a particular size steel ball — the higher the class rating, the greater the resistance

<b>Class 1</b>	1 ¼" steel ball
<b>Class 2</b>	1 ½" steel ball
<b>Class 3</b>	1 ¾" steel ball
<b>Class 4</b>	2" steel ball

### Tough, yet installs easily.

In addition to their best-in-class impact-resistance rating, *TruDefinition Duration STORM* Shingles stand up to 130-MPH winds.\*/† They're also easy to install and handle because they resist scuffing and marking during hot-weather installations, unlike rubber-modified shingles.



*WeatherGuard* Technology U.S. Patent 6,228,785.



Estate Gray<sup>†</sup>

## Product Attributes

### Warranty Length\*

Limited Lifetime<sup>††</sup> (for as long as you own your home)

### Wind Resistance Limited Warranty\*

130 MPH<sup>‡</sup>

### Algae Resistance Limited Warranty\*

10 Years

### Tru PROtection<sup>®</sup> Non-Prorated Limited Warranty\* Period

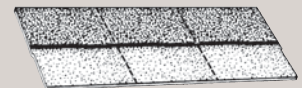
10 Years

## TruDefinition<sup>®</sup> Duration STORM<sup>®</sup> Shingles Product Specifications

Nominal Size	13 <sup>1</sup> / <sub>4</sub> " x 39 <sup>5</sup> / <sub>8</sub> "
Exposure	5 <sup>5</sup> / <sub>8</sub> "
Shingles per Square	64
Bundles per Square	3
Coverage per Square	98.4 sq. ft.

## ProEdge STORM<sup>®</sup> Hip & Ridge Shingles Product Specifications

Nominal Size	12" x 36"
Piece Size	12" x 12"
Exposure	6"
Shingles per Bundle	22
Pieces per Shingle/Bundle	3/66
Lineal Coverage per Bundle	33 ft.



## Applicable Standards and Codes

ASTM D228

ASTM D3018 (Type 1)

ASTM D3462

ASTM D3161 (Class F Wind Resistance)

ASTM D7158 (Class H Wind Resistance)<sup>2</sup>

ASTM E108/UL 790 (Class A Fire Resistance)

CSA A 123.5<sup>1</sup>

ICC-ES AC438<sup>#</sup>

UL 2218 (Class A Impact Resistance)<sup>3</sup>

UL ER2453-01<sup>##</sup>

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

\*\* This illustration depicts *Triple Layer Protection*, and the amount of *Triple Layer Protection* may vary on a shingle-to-shingle basis.

† 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.

†† 40-Year Limited Warranty on commercial projects.

‡ To maintain the 130-MPH Wind Resistance Limited Warranty, each *ProEdge STORM* Hip & Ridge Shingle must be hand-sealed. Failure to hand-seal *ProEdge STORM* Hip & Ridge Shingles will reduce wind warranty to 110 MPH. Refer to the installation instruction for complete details.

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

§ Homeowners should check with their insurance company to see if they qualify.

1 Only on product sold in Canada.

2 Not applicable for *ProEdge STORM* Hip & Ridge Shingles.

3 *ProEdge STORM* Hip & Ridge Shingles are required to complete UL 2218 Class IV Impact-Resistant Roof System.

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

## Underwriters Laboratories Evaluation Service Evaluation Report.

*SureNail* Technology U.S. Patent 7,836,654 and other patents pending.

*WeatherGuard* Technology U.S. Patent 6,228,785.

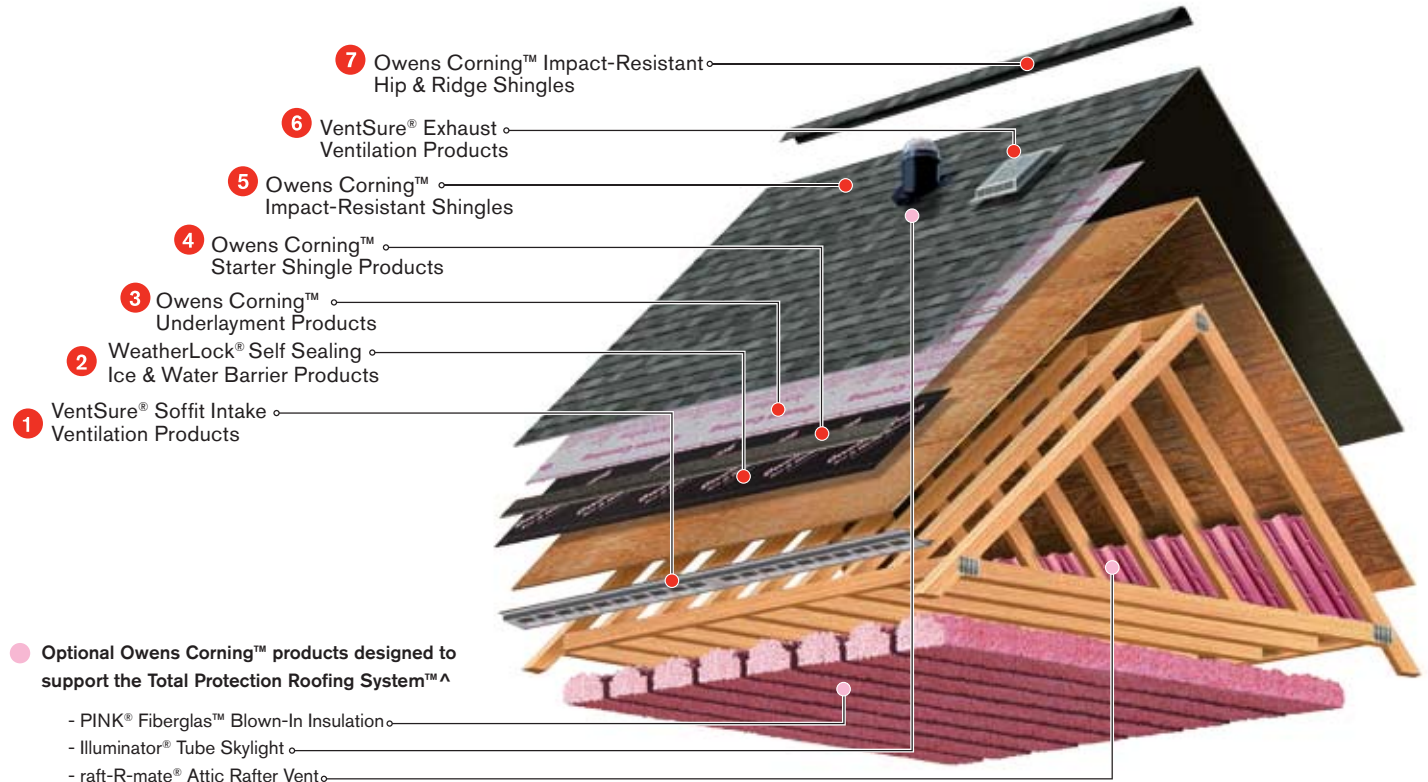
^ Excludes non-Owens Corning<sup>™</sup> roofing products such as flashing, fasteners and wood decking.



# The Total Protection Roofing System™<sup>^</sup> for UL 2218, Class 4 Impact-Resistant Shingles

It takes more than just TruDefinition® Duration STORM® Shingles to protect your 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 Total Protection Roofing System™<sup>^</sup> depicted below is specially designed to give you the assurance that all your required Owens Corning™ roofing components<sup>†††</sup> are working together to help increase the performance of your roof — and to enhance the comfort and enjoyment of those who live beneath it.



<sup>^</sup> Excludes non-Owens Corning™ roofing products such as flashing, fasteners and wood decking.  
<sup>†††</sup> Use of shingle-over ridge vents will affect the impact resistance classification of the ProEdge STORM® Hip & Ridge Shingles; use off-ridge ventilation as an alternative. Refer to the installation instructions for complete details.

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
Help protect against heat and moisture buildup by creating a balanced flow of air through your attic.	Help protect vulnerable areas where water can do the most damage: eaves, valleys, dormers and skylights.	Help prevent damage from wind-driven rain by providing an additional layer of protection between the shingles and roof deck.	Enjoy clean lines and faster, easier installation by eliminating the need to cut shingle tabs.	Choose from a variety of durable styles and colors that provide the first line of defense against the elements.	Help protect your roof against premature failure by allowing heat and moisture to escape from the attic.	Help protect the ridge vent and add an attractive, finished look to your entire roof.



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(Brookville, Denver, Medina, Minneapolis, Summit)