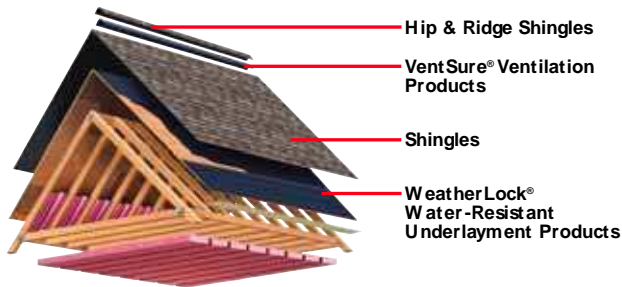


# THE BENEFITS OF A HEALTHY ROOF

For optimum durability and beauty, a complete and healthy roofing system requires hip & ridge shingles, ventilation products, shingles and water-resistant underlayment products.



## Hip & Ridge Shingles

Owens Corning hip & ridge shingles add extra protection and style to your roof's ridge line. The unique shingle construction also helps protect ridge vents from weathering. Hip & ridge shingles are designed to match our shingle colors to enhance the beauty of your roof.

## Ventilation Products

Owens Corning ventilation products help keep air moving through the attic, from under-eave vents all the way to the top of the roof, balancing outdoor and indoor temperatures. This helps prevent structural damage due to moisture condensation in winter and excessive heat in summer. It also helps prevent premature aging and deck warping.

## Shingles

Owens Corning high-performance shingles are engineered to stay beautiful year after year. They feature a weathering-grade asphalt coating to ensure moisture resistance, and a strong Fiberglas® mat core to ensure structural durability.

## WeatherLock® Water-Resistant Underlayment Products

Owens Corning Weatherlock Water-Resistant Underlayment products are scientifically engineered to provide the best protection for a variety of roofing needs. Four uniquely designed water-resistant underlayments provide a solution to every application need.



## WEATHERLOCK® METAL WATER-RESISTANT UNDERLAYMENT

Engineered for Metal and Tile



INNOVATIONS FOR LIVING™

OWENS CORNING WORLD HEADQUARTERS

ONE OWENS CORNING PARKWAY  
TOLEDO, OHIO, USA 43659



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# WEATHERLOCK® METAL WATER-RESISTANT UNDERLAYMENT

*Engineered for Metal and Tile*



WeatherLock® Water-Resistant Underlayment

*Designed to stand up to the most rigorous conditions, WeatherLock is specially engineered to handle the extreme demands of metal and tile roofing.*

- Designed to withstand expansion and contraction of the roof systems during the job and after installation
- Polyester-faced, non-abrasive surface is specially designed for metal and tile roof applications, and allows for a higher melt point than polyethylene film products
- Withstands high temperatures without fusing to overlying metal or tile roof
- Resists UV degradation when left in open exposure
- One of four specifically designed water-resistant underlayments, each engineered to provide a solution to every application need

## Construction

|                    |  |
|--------------------|--|
| Surface:           | Polyester non-woven mat fabric                                 |
| Adhesive:          | Rubberized asphalt adhesive backing with silicone release poly |
| Removable Backing: | Split-sheet peel-away backer sheet                             |

## Property

|         | Typical Values                     |
|---------|------------------------------------|
|         | 2 sq. roll (200 sq. ft)            |
| Length: | 66.7 ft. (20.3 m)                  |
| Width:  | 3 ft. (.91 m)                      |
| Area:   | 200 sq. ft. (18.6 m <sup>2</sup> ) |

## Applicable Standards & Codes

|  |
|--|
| UL Class C   |
| Uniform Building Code Tables 15B-1, 15B-2, 15D-1 and 15D-2 |
| ICBO ES ER 4991  |

## Physical Properties

| Property  | Test Method | Typical Values* |
|---|-------------|-----------------|
| Thickness   | —           | 65 mils         |
| Sip Resistance  | ASTM D 1970 | Passed          |
| Tensile Strength  | ASTM D 2523 |                 |
| Longitudinal (md)                                       |             | 86 lbs/in       |
| Transverse (cd)   |             | 59 lbs/in       |
| Elongation at Break (md)<br>(cd)                        | ASTM D 2523 | 44.5%<br>58.8%  |
| Permeance   | ASTM E 96   | .08             |
| Adhesion to Plywood, 40°F                               | ASTM D 903  | 4.0 lbs/in      |
| Adhesion to Plywood, 75°F                               | ASTM D 903  | 2.0 lbs/in      |
| Tear Resistance   | ASTM D 4073 |                 |
| Longitudinal  |             | 107 lbs/in      |
| Transverse  |             | 72 lbs/in       |
| Sealability around Nail                                 | ASTM D 1970 | Passed          |
| Low Temperature Flexibility                             | ASTM D 1970 | Passed          |
| Water-Resistant Integrity after<br>Low Temperature Flex | ASTM D 1970 | Passed          |
| Water-Resistant Integrity of Lap                        | ASTM D 1970 | Passed          |
| Thermal Stability                                       | ASTM D 1204 | Passed          |

\*All values are approximate.