



# WeatherLock® Mat

Self-Sealing Ice & Water Barrier



Designed to act as a secondary water barrier under asphalt shingles, wood shakes and quarry slate roof assemblies, WeatherLock® Mat Self-Sealing Ice & Water Barrier helps prevent damage due to shingle blow-off, wind-driven rain and ice damming.

- Acts as another line of defense when used on the entire roof deck, and is a best roofing practice for entire roof deck coverage on 2:12 to 4:12 pitch roofs to help keep water out from under shingles
- Ideal for all underlayment applications such as full roof deck coverage, eaves, rakes and valleys
- Patented<sup>††</sup> roughened surface provides for consistent performance—reducing slipping, sticking and scuffing
- 40% lighter than competitive products, making it easier to load, carry and install



**WeatherLock® Mat**  
Self-Sealing Ice & Water Barrier



## The essentials for a healthy roofing system.

It takes more than just shingles to create a high-performance roof. It requires a system of products working together. Owens Corning™ Roofing Essentials® Accessory Products work with our shingles to produce a roofing system that helps provide maximum durability for a new roof. And the most protection for the home beneath it.

- a** VentSure® Ventilation Products
- b** PINK® Fiberglas™ Blown-In Insulation
- c** Owens Corning™ Hip & Ridge Shingles
- d** Owens Corning™ Shingles
- e** Owens Corning™ Underlayment Products
- f** WeatherLock® Self-Sealing Ice & Water Barrier Products
- g** Owens Corning™ Starter Shingle Products
- h** Owens Corning™ Undereave Ventilation Products



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## Construction

### Surface

Polymeric asphalt surface

### Interior Reinforcement

Durable Fiberglas® mat

### Adhesive System

Mixture of Styrene-Butadiene-Styrene (SBS) and asphalt

### Removable Backing

Split-sheet peel-away poly backer

### Application

Engineered for asphalt shingles, wood shakes and quarry slate roof assemblies

## Typical Values\*\*

| Property | 1 sq. roll                        | 2 sq. roll                         |
|----------|-----------------------------------|------------------------------------|
| Length   | 33.3 ft. (10.2 m)                 | 66.7 ft. (21.3 m)                  |
| Width    | 3 ft. (.91 m)                     | 3 ft. (.91 m)                      |
| Area     | 100 sq. ft. (9.3 m <sup>2</sup> ) | 200 sq. ft. (19.4 m <sup>2</sup> ) |

## Applicable Standards and Codes

ICC ESR 1783

ASTM D 1970

Uniform Building Code Tables 15B-1, 15B-2, 15D-1 and 15D-2

UL Class A, Class C

Florida Building Code

Miami-Dade County Approved†

## Physical Properties

| Property   | Test Method              | Typical Values** |
|--|--------------------------|------------------|
| Thickness  | —                        | 45 mils          |
| Slip Resistance                                    | Asphalt Saturated Felt   | Passed           |
| Pliability   | 1" Mandrel Bend at -20°F | Passed           |
| Tensile Strength                                   | ASTM D 2523              | —                |
| Longitudinal (md)                                  | —                        | 48 lbs./in.      |
| Transverse (cd)                                    | —                        | 35 lbs./in.      |
| Elongation at Break (modified bitumen portion)     | ASTM D 2523              | 250%             |
| Permeance  | ASTM E 96                | .05 max.         |
| Adhesion to Plywood, 40°F                          | ASTM D 903               | 1.0 lbs./in.     |
| Adhesion to Plywood, 75°F                          | ASTM D 903               | 4.2 lbs./in.     |
| Tear Resistance                                    | ASTM D 4037              | —                |
| Longitudinal                                       | —                        | < 90 lbs.        |
| Transverse   | —                        | < 90 lbs.        |
| Sealability around Nail                            | ASTM D 1970              | Passed           |
| Waterproofing Integrity after Low Temperature Flex | ASTM D 1970              | Passed           |
| Waterproofing Integrity of Lap                     | ASTM D 1970              | Passed           |

\*Ensure proper ventilation is met when applied over the entire roof deck.

\*\*All values are approximate.

†Applies for all areas that recognize Miami-Dade County Building Code.

††U.S. Patent No. 6531200