



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^{††} roughened surface provides for consistent performance—reducing slipping, sticking and scuffing
- 40% lighter than competitive products, making it easier to load, carry and install



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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 ²)	200 sq. ft. (19.4 m ²)

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