



WeatherLock® Flex

Flexible Self-Sealing Ice & Water Barrier



Eaves

Valleys

Skylights

Chimneys

WeatherLock® Flex

Flexible Self-Sealing Ice & Water Barrier

The high-performance solution for specialty applications.

WeatherLock® Flex *Flexible* Self-Sealing Ice & Water Barrier provides better protection against cracking and deck damage from freeze/thaw cycling, wind-driven rains and normal water flow around eaves, rakes, valleys, vents, chimneys and skylights.

- **High performance**—flexible and pliable poly surface and rubberized asphalt combine to adhere around irregular shapes, inside corners and at sharp angles, even in cold-weather applications to 40°F
- **Added Protection**—acts as a waterproof barrier in the most vulnerable sections of the roof to create a second line of defense. For optimal protection, apply to entire roof deck on 2:12 to 4:12 pitch roofs.*
- **Aggressive self-adhesive**—exceeds adhesion performance requirements to prevent water migration
- **Slip-resistant surface**—for better traction and safe installation
- **Seals tight around nails**—modified asphalt construction for a tight seal around nails to prevent water penetration
- **Contractor convenience**—UV exposure up to 30 days without edge curling while continuing to provide high-performance lap seal. Split backer sheet for easy application*
- **Easy for re-roofing**—can be applied over existing single-layer ice and water barriers so re-roofing is easy and less costly



WeatherLock® Flex
Flexible Self-Sealing Ice & Water Barrier

It even beats the leading brand.

It's time to switch to the superior cold-weather performance and better slip resistance of *WeatherLock Flex Flexible Self-Sealing Ice & Water Barrier*.

Superior Adhesion and Flexibility even in Cold Climates (40°F)

Superior Slip Resistance

Forms End Lap and Side Lap Seals without Special Treatment

Seals around Roofing Fasteners

Re-roofable

Extended Exposure Time (30 days)

Lays Flat

Superior Tear Resistance

Owens Corning™ Roofing System

Durable—Up to 30-Year Limited Warranty

Test Methods	WeatherLock® Flex	Owens Corning™
ASTM D 1970	Pass	Fail
ASTM D 1984	Pass	Fail
ASTM D 1970	Pass	Fail
ASTM D 1970	Pass	Fail
	Pass	Fail
	Pass	Fail
	Pass	Fail
ASTM D 4037	Pass	Fail
	Pass	Fail
	Pass	Fail



WeatherLock® Flex
Ice & Water Barrier

WeatherLock® Flex	Leading Brand
✓	
✓	
✓	✓
✓	✓
✓	✓
✓	✓
✓	✓
✓	✓
✓	
✓	
✓	

WeatherLock® Flex *Flexible* Self-Sealing Ice & Water Barrier Construction

Surface	High-strength cross-laminated poly surface
Adhesive Styrene	Mixture of Styrene-Butadiene-Styrene (SBS) and asphalt
Removable Backing	Split sheet* peel-away backer
Application	Engineered for asphalt shingles, wood shakes and quarry slate roof assemblies

* Full sheet peel-away backer available in the western U.S.

Typical Values**

Property	2.25 sq. roll
Length	75 ft. (22.86 m)
Width	3 ft. (.91 m)
Area	225 sq. ft. (20.25 m²)

Applicable Standards and Codes

ASTM D 1970
UL Class A, Class C
Uniform Building Code Tables 15B-1, 15B-2, 15D-1 and 15D-2
ICC-ESR-1783

Physical Properties


Property	Test Method	Typical Values**
Thickness	—	40 mils
Slip Resistance	ASTM D 1970	Passed
Coefficient of Friction	ASTM D 1984	.595
Tensile Strength	ASTM D 412	—
Longitudinal (md)	—	25 lbs./in.
Transverse (cd)	—	25 lbs./in.
Elongation at Break (modified bitumen portion)	ASTM D 2523	250 %
Permeance	ASTM E 96	.001
Adhesion to Plywood, 40°F	ASTM D 903	4.0 lbs./in.
Adhesion to Plywood, 75°F	ASTM D 903	13.6 lbs./in.
Tear Resistance	ASTM D 4037	—
Longitudinal	—	58.5 lbs.
Transverse	—	64.3 lbs.
Sealability around Nail	ASTM D 1970	Passed
Low Temperature Flexibility	ASTM D 1970	Passed
Waterproofing Integrity after Low Temperature Flex	ASTM D 1970	Passed
Waterproofing Integrity of Lap	ASTM D 1970	Passed
Thermal Stability	ASTM D 1204	Passed

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

** All values are approximate.

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 make up a roofing system that helps provide maximum durability for your roof. And the most protection for your home.

- a VentSure® Ventilation Products.** Help protect a roof from premature failure by helping remove heat and moisture from the attic. 
- b PINK® Fiberglas™ Blown-In Insulation.** Tiny air pockets trapped in the insulation resist the passage of heat flow.
- c Owens Corning™ Hip & Ridge Shingles.** Help protect the ridge vent and add an attractive, finished look to a roof's hips and ridges.
- d Owens Corning™ Shingles.** Add durable beauty to a home. Shingles are the first line of defense against the elements.
- e Owens Corning™ Underlayment Products.** Add an extra layer of protection between the shingles and the roof deck to help prevent damage from wind-driven rain.
- f WeatherLock® Self-Sealing Ice & Water Barrier Products.** Help guard vulnerable areas where water can do the most damage to a roof: eaves, valleys, dormers and skylights.
- g Owens Corning™ Starter Shingle Products.** The first step in the proper installation of shingles.
- h Owens Corning™ Undereave Ventilation Products.** Help prevent moisture buildup in the attic by working with ridge vents to keep air moving.
- i Owens Corning™ Illuminator™ Tube Skylight.** A smart choice for bringing natural light into the home.



Want to know more about Owens Corning™ products? It's easy to reach us:

1-800-GET-PINK® | www.roofing.owenscorning.com



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