

NEW



Deck Defense™ High Performance Roof Underlayment

Covers all your needs—plus 1,000 sq. ft.



Owens Corning™ Deck Defense™ High Performance Roof Underlayment offers flexible, innovative synthetic construction that allows it to lay flat and stay flat—even when exposed to moisture. Wider and lighter rolls make it easier and quicker to install, so you can complete jobs faster. It even comes with a 30-Year Limited Warranty*



- **Repels and protects**
Synthetic construction offers an immediate water-shedding barrier and provides protection from UV exposure for up to 6 months**



- **High-traction, slip-resistant surface**
Specially engineered textured and coated top layer provides traction for a more secure work area and reduced risk of injury compared to other leading synthetic underlayments





- **Easy installation**
Extra-wide roll provides approximately 5 times more coverage per roll than standard #30 felt underlayment. Preprinted nailing pattern and overlap lines speed installation



- **Durable construction**
Synthetic construction and unique bottom surface coating reduces sliding on deck surface to resist tearing and the chance for leaks at fasteners in high wind or when walked on compared to felt underlayment

Deck Defense™ vs. Organic Felt underlayment—the right choice is clear.

	Deck Defense™ Underlayment	Conventional #30 Organic Felt
Construction	100% Engineered Polyolefin	Asphalt/Organic Felt
Roll Size	1,000 sq. ft., 48" wide	200 sq. ft., 36" wide
Weight Per Square	3.1 lbs.	20 lbs.
UV Exposure	Can be left exposed for up to 6 months**	Needs to be covered immediately
Warranty	30-Year Limited Warranty*	No warranty
Weather Performance	Does not curl or wrinkle when exposed to moisture	May curl, wrinkle and crack when exposed to moisture
Slip Resistance	Superior to leading synthetic underlayments when wet	May become slick or wrinkled in wet conditions, leading to an unsafe walking surface
Nailing Pattern	Nailing aids for proper application, both in standard and high wind areas	No nailing guides
Durability	Repels and sheds water	Absorbs water and moisture
Surface Temperature	Light gray color reduces roof temperature when exposed	Black color absorbs heat and increases roof temperature
Tear Resistance	 <p>Highly resistant to tearing, even when walked on or in high winds</p>	 <p>Often tears during installation and fastening, causing leaks and rework</p>

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

** Special application required for extended exposure. See installation instructions.

Product Attributes

Warranty Length	30-Year Limited*
Application	Engineered for asphalt, tile and metal roof assemblies†

† For non-asphaltic roofing materials, check with the manufacturer as to the suitability of using Deck Defense™ High Performance Roof Underlayment. Install following the roofing manufacturer's application instructions.

Typical Values

Length	250 ft.
Width	48 in.
Weight	31 lbs.
Coverage (with 3-in. overlap)	937 sq. ft.
Exposed Color	Light gray
Surface Construction	Coated textured poly

Applicable Standards and Codes

ASTM D 1970	Thermal Stability at 203°F	Passed
ASTM E 108, Class A Fire		
ICC ES AC 188—Criteria for Roofing Underlayments		
ICC ES AC 48—Severe Climate		
Tensile Strength	ASTM D 1682	Passed
Cycling and Elongation		Passed
Accelerated Aging		Passed
Water Ponding		Passed
Ultraviolet Exposure		Passed
Temperature Cycling		Passed
ICC ES Pending		



OWENS CORNING ROOFING AND ASPHALT, LLC
 ONE OWENS CORNING PARKWAY
 TOLEDO, OHIO, USA 43659
1-800-GET-PINK™
www.roofing.owenscorning.com



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