



RELIABILT®

RELIABILT® High Temp Synthetic Peel & Stick Butyl Adhesive Roofing Underlayment

The premium roofing protection designed for extreme heat conditions.

RELIABILT® High Temp Underlayment is a high-performance, self-adhering roofing underlayment engineered to provide superior protection against water infiltration, ice dams, and wind-driven rain. With advanced adhesive technology with butyl, it forms a secure bond to the roof deck without the need for mechanical fasteners, allowing for quick and efficient installation. In addition, its high-temperature resistance ensures long-lasting durability even in extreme heat conditions.



Designed for use under asphalt shingles, metal roofing, slate, tile, and wood shakes, RELIABILT® provides long-lasting secondary moisture protection against ice dams, wind-driven rain, and heat exposure up to 275 °F.

6032981	SIZE		APPLICATION METHOD	WEIGHT/ROLL
	AREA	DIMENSIONS		
	201 Sq. ft.	36 in. x 67 ft	Peel & Stick	35 Lbs



KEY FEATURES & BENEFITS

- **Self-Adhering, Peel & Stick Design** – Quick, easy installation without mechanical fasteners.
- **Premium Butyl Adhesive** – Strong adhesion with excellent nail sealability.
- **Durable 40-mil Multi-Layer Thickness** – Maximum protection and long-term performance.
- **High-Temperature Resistance** – Withstands extreme roof deck heat up to 275 °F.
- **Slip-Resistant, Non-Woven Walking Surface** – Improves safety during installation.
- **Flexible & Non-Skid Surface** – Easier handling and secure footing.
- **UV Resistance** – Protects against up to 60 days of direct UV exposure.
- **Shelf Life & Warranty** – Over 2 years of shelf stability and backed by a 20-Year Limited Warranty.
- **Class A Fire Rating** – ASTM E108 tested for superior fire protection.
- **Exceptional tensile strength** – resists mechanical stress.
- **Superior tear resistance** – prevents damage during handling/installation.
- **Extreme weather protection** – durability against rain, wind, and harsh climates.
- **Extended UV protection** – prevents long-term degradation from sun exposure.
- Approved for asphalt shingles, metal roofing, slate, tile and wood shakes.

STANDARDS & APPROVALS

ASTM E108 - Class A

ASTM D1970

CCRR 0615

FBC FL 47686

ASTM D8257



TECHNICAL DATA SHEET

Sl. No.	Test properties	Test method	Unit	Typical values
1	Width	-	inch	36"
2	Color	Visual		As Ordered
3	Thickness	ASTM D5147	mils	40
4	Tensile Strength	ASTM D1970	lbs	MD:120 CD:110
5	Tensile Elongation	ASTM D2523	%	MD->16 CD->16
6	WVTR	ASTM E96	perms	<0.05
7	Tensile Tear strength	ASTM D4073	lbs	MD:160 CD:140
8	Flexibility at -29°C (-20°F)	ASTM D1970	P/F	Pass
9	Adhesion to Plywood at 23°C (73.4°F)	ASTM D903	Lbs./feet	MD:55 CD:67
10	Adhesion to Plywood at 4.4°C (40°F)	ASTM D903	Lbs./feet	MD:23 CD:51
11	Thermal Stability at 135°C (275°F)	ASTM D1204	P/F	Pass
12	Sealability Around Nail	ASTM D7349	P/F	Pass
13	Lap seam, waterproof integrity	ASTM D1970	P/F	Pass
14	UV Resistance	ASTM G154	Days	60
15	Fire Resistance Class A	ASTM E108	P/F	Pass

The technical data provided is based on average values from production and independent tests, serving as general guidance. Test results may have a tolerance of up to $\pm 10\%$.

RB Underlayments are not designed or intended for indefinite outdoor exposure.

The product has a shelf life of min. 2 years, but the final roof should be installed within 180 days of membrane installation.



INSTALLATION INSTRUCTIONS

1. **Surface Preparation:** Ensure the roof deck is clean, dry, and free from debris, dust, or any contaminants that could compromise adhesion. Remove any protrusions or sharp objects that might puncture the underlayment.
2. **Starting Point:** Begin the installation at the eave edge of the roof, ensuring the underlayment is parallel to the roof edge.
3. **Application:** Remove the release liner from the adhesive side of the underlayment. Press the underlayment firmly onto the deck, smoothing out any wrinkles or air pockets. Overlap each new course of underlayment by 4 inches to ensure a proper water-tight seal. The overlap should run in the direction of water flow.
4. **Sealing:** After pressing the underlayment into place, make sure the seams and overlaps are sealed by pressing them down firmly.
5. **Termination:** At the ridge or roof peak, cut the underlayment to fit and press the edges to ensure a complete seal.

STORAGE INSTRUCTIONS

Storage Conditions: Store the rolls upright in a cool, dry place, away from direct sunlight and heat sources.

Stacking: Avoid stacking heavy items on top of the rolls to prevent deformation. Not to place more than 2 tier.

Release Liner: Ensure the release liner remains intact until installation to protect the adhesive surface from contaminants.

SAFETY INFORMATION

Use protective gloves, eye protection, and appropriate clothing during installation. Ensure all local building codes and regulations are followed during installation.