

LeakBarrier[®] EasyLay[®] UDL Basic

LeakBarrier EasyLay UDL Basic is a polyolefin-based synthetic underlayment that has excellent resistance to the elements. The material consists of a tough, woven polymeric scrim that provides exceptional strength, and a textured fabric on the topside that provides good traction for the installer.

USAGE

EasyLay UDL Basic can be used in conjunction with shingle, shake, slate, tile and metal. Ideal for steep-slope roofing, it can be mechanically attached to several substrates and used in new and re-roofing applications.

FEATURES AND BENEFITS

- ◆ Lightweight; Less than 3.5 lbs per square
- ◆ More coverage per roll than traditional felt
- ◆ Alternative to traditional ASTM D226 felt
- ◆ Exceptional strength and durability
- ◆ Textured fabric provides good walkability
- ◆ Good pliability and low temperature flexibility
- ◆ Versatile top surface compatible with self-adhering membranes
- ◆ Pre-printed lay lines for easy installation
- ◆ Algae, fungi, and mold resistant; does not rot or decay
- ◆ 100% recyclable
- ◆ Can be left exposed for up to 180 days
- ◆ Meets and/or exceeds ASTM D226 Type I and II
- ◆ Meets ASTM D8257
- ◆ Florida Building Code Approval FL #10450
- ◆ Miami-Dade Approval NOA No. 23-0817.03
- ◆ Evaluated by the Texas Dept. of Insurance (TDI)
- ◆ ICC-ES ESR #2634
- ◆ Engineered to comply with applicable IBHS FORTIFIED Roof™ program requirements for synthetic underlayments



STORAGE

- ◆ EasyLay UDL Basic must be stored in a dry location.
- ◆ Do not store in a leaning position.
- ◆ Rolls must be stored on pallets and not more than one pallet high.
- ◆ Do not store rolls in direct sunlight.

GENERAL PRECAUTIONS

- ◆ EasyLay UDL Basic shall be installed in strict compliance with applicable Building Code.
- ◆ Follow Occupational Safety and Health Administration (OSHA) safety standards; use common sense measures and adequate precautions to prevent accidents.
- ◆ EasyLay UDL Basic is considered a vapor barrier. Proper ventilation is critical. Ensure installation does not interfere with existing ventilation.
- ◆ EasyLay UDL Basic shall not be torched or hot mopped to.
- ◆ When used in low slope applications (<2:12), EasyLay UDL Basic must be covered the same day. On slopes less than 4:12, a double layer of EasyLay UDL Basic is recommended. Double layer application is best achieved by using 19" side laps, making sure the side laps are "shingled in" to shed water.
- ◆ Ensure that sharp objects such as debris, stones, bricks, etc. are not dropped on to the EasyLay UDL Basic surface so as to avoid possible cuts or tears.

GENERAL PRECAUTIONS, CONTINUED

- ◆ When tin tags/caps are used to secure EasyLay UDL Basic, the material shall be covered immediately after application with an approved underlayment or a suitable roof covering.
- ◆ Apply a thin coat of asphalt-based roofing cement to areas of EasyLay UDL Basic with any cuts or tears.
- ◆ EasyLay UDL Basic is not intended to be used as the primary weather resistant roof covering.

SURFACE PREPARATION

- ◆ The substrate shall be clean and dry prior to installing EasyLay UDL Basic.
- ◆ For re-roofing, all old roofing and other loose materials must be removed prior to installation.

APPLICATION GUIDELINES

- ◆ Place a full width piece of EasyLay UDL Basic, parallel to the eave (low) edge of the roof.
- ◆ Unroll the material 2 to 3 feet and position the end of it to the edge of the eave and rake.
- ◆ Install a few fasteners near the rake and roll out the sheet to a manageable length.
- ◆ Straighten and align the sheet to eliminate any wrinkles.
- ◆ Fasten the sheet using 3/8" headed roofing nails or 1" plastic capped nails, spaced 9" o.c. at all laps and two staggered rows fastened 12" o.c. in the field, or as per applicable Building Code. In HVHZ Jurisdictions, the sheet shall be fastened 6" O.C. at all laps and three staggered rows fastened 12" O.C. in the field of the sheet.
- ◆ When using 1" diameter nails, apply such that the head of the nail is flush with the sheet surface, without cutting into the sheet.
- ◆ Fasten the sheet from the top edge to avoid walking or kneeling on the unsecured portion.
- ◆ Align the next sheet over the preceding sheet so as to form a minimum 4" side lap and 8" end lap or as per applicable Building Code.
- ◆ Then install the sheet as per instructions above. Install such that the bottom of the second course is over the top of the first course so that any water will flow over the underlayment.
- ◆ Stagger the end laps a minimum of 36" (3') from the preceding course.
- ◆ Install EasyLay UDL Basic a minimum of 6" up any vertical surfaces.
- ◆ EasyLay UDL Basic used in valley areas must be covered with metal or other valley liners.
- ◆ Seams or joints that require adhesive or sealant can be treated with plastic cement.
- ◆ Prime all metal collars, flashings, valley liners and drip edges with an ASTM D41 primer.
- ◆ Flash vent pipes, stacks, chimneys, and penetrations in compliance with applicable codes.

PROPERTIES

PROPERTY	TYPICAL VALUES	REFERENCE TEST	PRODUCT DATA	
Tensile strength, lbf	120	ASTM D751	Width	4 ft (1.219 m)
Tear resistance, lbf	40	ASTM D4533	Length	250 ft (76.2 m)
Pliability at 23°C	Pass	ASTM D226	Thickness	10 mil (<i>nominal</i>)
Liquid water transmission	Pass	ASTM D4869	Gross Coverage	1,000 sq ft (10 sq)
Water vapor transmission, perms	0.10	ASTM E96	Weight	32 lb (<i>nominal</i>)
Accelerated aging	Pass	ICC AC188	Rolls per Pallet	36
Ultraviolet exposure	Pass	ICC AC188		
Algae & Fungus resistance, Rank 0 – 4	0 (no growth)	ASTM G21/D3273		
Outdoor exposure for 6 months	No changes	Visual		

WARRANTY

Tarco Specialty Products, Inc. offers a 30 Year Limited Warranty

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