

LeakBarrier® EasyLay® UDL 15

LeakBarrier EasyLay UDL 15 is a value-priced, synthetic roof underlayment that has good resistance to the elements. The material consists of a woven polymeric scrim that imparts strength, and a textured fabric on the upper surface that provides walkability.

USAGE

EasyLay UDL 15 is designed as an alternative to asphalt saturated felt and can be used in conjunction with shingles, shakes, slate and metal. It can be mechanically attached to several substrates, and used in new and re-roofing applications.

FEATURES AND BENEFITS

- ◆ Lightweight; Less than 2.5 lbs per square
- ◆ More coverage per roll than traditional felt
- ◆ Good pliability and low temperature flexibility
- ◆ Pre-printed lay lines for easy installation
- ◆ Can be left exposed for up to 90 days
- ◆ Algae, fungi, and mold resistant; does not rot or decay
- ◆ 100% recyclable
- ◆ Meets and/or exceeds ASTM D226 Type I and II
- ◆ Florida Building Code Approval FL #16884
- ◆ Texas Department of Insurance (TDI) approved
- ◆ Engineered to comply with applicable IBHS FORTIFIED Roof™ program requirements for synthetic underlayments



STORAGE

- ◆ EasyLay UDL 15 must be stored in a dry location.
- ◆ Rolls must be stored on pallets and not more than one pallet high.
- ◆ Do not store rolls in direct sunlight.

GENERAL PRECAUTIONS

- ◆ EasyLay UDL 15 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 15 is considered a vapor barrier. Proper ventilation is critical. Ensure installation does not interfere with existing ventilation.
- ◆ EasyLay UDL 15 shall not be torched or hot mopped to.
- ◆ On slopes less than 4:12, a double layer of EasyLay UDL 15 is recommended. Double layer application is best achieved by using 24" 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 15 surface so as to avoid possible cuts or tears.
- ◆ When tin tags/caps are used to secure EasyLay UDL15, the material shall be covered immediately after application with an approved underlayment or a suitable roof covering.
- ◆ The use of staples to attach EasyLay UDL 15 is not permitted.
- ◆ Apply a thin coat of asphalt-based roofing cement to areas of EasyLay UDL 15 with any cuts or tears.
- ◆ EasyLay UDL 15 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 15.
- ◆ 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 15, 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 feet) from the preceding course.
- ◆ Install EasyLay UDL 15 a minimum of 6" up any vertical surfaces.
- ◆ EasyLay UDL 15 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.
- ◆ Flash vent pipes, stacks, chimneys, and penetrations in compliance with applicable codes.

PROPERTIES

PROPERTY	TYPICAL VALUES	REFERENCE TEST	PRODUCT DATA	
Tensile strength, lbf	70	ASTM D1682	Width	48 in (1.22 m)
Tear resistance, lbf	25	ASTM D1922	Length	250 ft (76.2 m)
Pliability at 23°C	Pass	ASTM D226	Thickness	8 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	22 lb (<i>nominal</i>)
Algae & Fungus resistance, Rank 0 – 4	0 (no growth)	ASTM G21/D3273	Rolls per Pallet	56

WARRANTY

Tarco Specialty Products, Inc. offers a 20 Year Limited Warranty

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