

LeakBarrier® EasyLay® HPP Asphalt Saturated Underlayment

LeakBarrier® EasyLay® is a next-generation hybrid roofing underlayment that combines the value of traditional asphalt saturated felts with the performance of synthetic underlayments. **EasyLay** is an extremely durable, high performance, polyester-based underlayment that is manufactured by coating a polyester fabric with time-proven, moisture-resistant asphalt to provide excellent weatherability and handling.

Usage **EasyLay** is designed to be used in asphalt shingle, shake, slate, tile and metal roofing applications.

Features and Benefits

- ◆ Excellent tensile/tear strength and puncture resistance
- ◆ Complies with Florida Building Code High Velocity Hurricane Zone requirements. TAS 103 wind uplift test met 52½ psf.
- ◆ Significantly more durable than synthetic underlayments
- ◆ Asphalt coating allows EasyLay to seal around fasteners
- ◆ Lays flat – does not wrinkle
- ◆ No possibility of delamination as in plastic-based synthetics
- ◆ Non-skid surface provides walkability for slopes up to 10:12, wet or dry
- ◆ Versatile upper surface compatible with self-adhering membranes
- ◆ Algae, fungi and mold resistant
- ◆ Resistant to rot and decay - does not degrade with time
- ◆ Packaged like traditional felt
- ◆ Does not require the use of plastic cap fasteners - can use roofing nails, pneumatic nailers or plastic cap systems
- ◆ Very pliable - easily conforms to rooftop peaks and valleys
- ◆ Approved as an underlayment by metal and tile manufacturers
- ◆ Suitable surface for foam application of tiles
- ◆ Excellent UV resistance - Can be left exposed for up to 6 months without compromising performance
- ◆ UL Class A Fire Rating
- ◆ Meets ASTM D 226
- ◆ Florida Building Code Approval FL#10450.1
- ◆ Miami-Dade County Approval NOA No. 08-0804.10
- ◆ ICC-ES ESR #2634
- ◆ 25 year Limited Warranty



Storage and Handling

- ◆ EasyLay rolls must be stored in a dry location.
- ◆ Rolls must be stored on end only. 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 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.
- ◆ Proper ventilation of the attic is required.
- ◆ EasyLay shall not be torched or hot mopped to.
- ◆ When used in low slope applications (2:12 or lower), EasyLay must be covered the same day. In general, on slopes less than 4:12, a double layer of EasyLay is recommended. Double layer application is best achieved by using 19" side laps, making sure the side laps are "shingled in" to shed water.
- ◆ Do not use tin cap fasteners to attach EasyLay.
- ◆ Ensure that sharp objects such as debris, stones, bricks, etc. are not dropped on to the EasyLay surface so as to avoid possible cuts or tears.
- ◆ Apply a thin coat of asphalt-based roofing cement to waterproof areas of EasyLay where any cuts or tears have occurred.
- ◆ EasyLay is not intended to be used as the weather resistant (primary) roof covering.

Surface Preparation

- ◆ The substrate shall be clean and dry prior to installing EasyLay.

Application Guidelines

- ◆ Place a full width piece of EasyLay, parallel to the eave (low) edge of the roof.
- ◆ Unroll EasyLay 2 to 3 feet, with the lay lines facing up, and position the end of it to the edge of the eave and rake.
- ◆ Install a few fasteners at the top, near the rake, and roll out the sheet to a manageable length.
- ◆ Pull, straighten and align the sheet so that any wrinkles are eliminated and the sheet is even with the eave edge.
- ◆ EasyLay shall be fastened with 3/8" headed roofing nails or 1" plastic capped nails, driven by hand or pneumatically, spaced 9" o.c. at all laps in the center of the seam area, and two staggered rows fastened 12" o.c. in the field of the sheet, or according to applicable Building Code.
- ◆ When using 1" diameter nails, apply so that the head of the nail is flush with the EasyLay surface, without cutting into the EasyLay surface.
- ◆ Fastening shall be done from the top to avoid walking or kneeling on unsecured sheet.
- ◆ Continue on to the end of the substrate and fasten down.
- ◆ Align the next roll over the preceding sheet so as to form a minimum 4" seam or as per applicable Building Code.
- ◆ Then install sheet, per instructions above.
- ◆ The bottom of the second course of EasyLay shall lay on top of the first course so that any water will flow over the top of EasyLay.
- ◆ Apply subsequent sheets in the same pattern and technique, with minimum 4" side laps and 8" end laps over the preceding sheets or according to applicable Building Code.
- ◆ Install EasyLay a minimum of 6" up any vertical surfaces.
- ◆ Stagger the end laps a minimum of 36" (3') from the preceding course.
- ◆ After installing EasyLay on the field of the roof, install drip edge at the eaves (if used).
- ◆ When applying EasyLay in the valley, start at the low point and work to the high point, rolling the membrane from the center outward in each direction
- ◆ Make sure there are no rips or large wrinkles in the EasyLay.
- ◆ Before applying horizontal sections of EasyLay, install a vertical length of EasyLay down the center of the valley.
- ◆ Several sections of EasyLay can be used, but be certain to overlap the higher sections several inches so any water will flow over the top of the sheet.
- ◆ EasyLay underlayment in the valley areas must be covered with metal or other valley lining material.
- ◆ Seams or joints that require adhesive or sealant can be treated with a high quality plastic cement (asbestos free).
- ◆ Prime all metal collars, flashings, valley liners and drip edges with ASTM D 41 primer.
- ◆ Flash vent pipes, stacks, chimneys and penetrations in compliance with Roof Assembly current Product Control Notice of Acceptance and applicable Building Code.

Properties

Property	Test Method	EasyLay	30# Felt	Synthetics
Breaking strength, MD, lbf/in	ASTM D 226 / D 146	48	41	30
Breaking strength, XMD, lbf/in	ASTM D 226 / D 146	28	32	30
Liquid water transmission	ASTM D 4869	Pass	Pass	Pass
Water vapor transmission, perms	ASTM E 96	0.10	2.27	0.30
Algae & fungus resistance, Rank 0 - 4	ASTM G 21 / D 3273	0 (no growth)	4 (heavy growth)	0 (no growth)
Accelerated aging	ICC AC 48	No surface changes or any delamination.	—	No surface changes
Outdoor exposure	Visual	No changes after one year	Wrinkles/ridges within one day	Wrinkles/ridges within one week

Warranty Tarco offers a 25 year limited warranty.

NOTE: All statements, information and data, given herein are believed to be accurate and reliable but are presented without guaranty, warranty or responsibility of any kind, expressed or implied, except as may be indicated otherwise in this literature.

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