

LeakBarrier® EasyLay® HS Base

EasyLay HS Base is a high strength, modified bituminous roof underlayment that has excellent resistance to the elements. The material consists of composite polymeric fabric/scrim structure that imparts exceptional strength and walkability, and a modified bituminous compound that yields water resistance properties.

USAGE

EasyLay HS Base is designed as an alternative to asphalt saturated felt. EasyLay HS Base can be mechanically attached to several substrates, and is designed specifically for use as a base sheet for self-adhering membranes in multi-ply systems. It is ideally suited for use in steep slope roofing in high wind areas

FEATURES AND BENEFITS

- ◆ Exceptional tensile and tear strengths
- ◆ Good pliability and low temperature flexibility
- ◆ Excellent walkable surface
- ◆ Very high nail pull-through resistance
- ◆ Can be left exposed for up to 30 days
- ◆ Specifically designed for the adhesion of self-adhesive membranes
- ◆ Ideally suited for use as a base sheet for NR600 Ultra underlayment
- ◆ Resists liquid water transmission
- ◆ Pre-printed lay lines for easy installation
- ◆ Algae, fungi, and mold resistant
- ◆ Meets and/or exceeds ASTM D226 and applicable sections of ASTM D6757
- ◆ Florida Building Code Approved
- ◆ Miami-Dade Approved

STORAGE

- ◆ EasyLay HS Base must be stored in a dry location.
- ◆ Rolls must be stored on pallets and not more than two pallets high.
- ◆ Do not store rolls in direct sunlight.

GENERAL PRECAUTIONS

- ◆ EasyLay HS Base 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 HS Base is considered a vapor barrier. Proper ventilation is critical. Ensure installation does not interfere with existing ventilation.
- ◆ EasyLay HS Base shall not be torched or hot mopped to.
- ◆ On slopes less than 2:12, a double layer of EasyLay HS Base is required. Double layer application is best achieved by using 24" side laps, making sure the side laps are "shingled in" to shed water.
- ◆ EasyLay HS Base 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 HS Base.
- ◆ For re-roofing, all old roofing and other loose materials must be removed prior to installation.
- ◆ When permitted by local building code, EasyLay HS Base may be attached over an existing self-adhered underlayment.



APPLICATION

- Place a full width piece of EasyLay HS Base, 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.
- 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 3" side lap and 6" 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 HS Base a minimum of 6" up any vertical surfaces, or as per applicable building code.
- EasyLay HS Base used in valley areas must be covered with a suitable valley liner. 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	
Breaking strength, MD and XMD, lbf/in	60	ASTM D226	Width	36 inch (0.9144 meter)
Elongation, %	18	ASTM D226	Length	72 feet (21.94 meters)
Tear Strength, lbf/in	20	ASTM D4533	Thickness	30 mil (nominal)
Tear Resistance, lbf	130	ASTM D4073	Gross Coverage	216 sq ft (2.16 sq)
Dimensional Change, MD and XMD, %	0.25	ASTM D8257	Weight	32 lb (nominal)
Nail Sealability	Pass	ASTM D7349	Rolls per Pallet	42
Liquid Water Transmission	Pass	ASTM D4869		
Pliability @ 77°F, MD and XMD	Pass	ASTM D226		
Loss on Heating	0	ASTM D226		
Unrolling, 50°F and 140°F	No damage	ASTM D226		

WARRANTY

EasyLay HS Base is warranted to be free from manufacturer's defects.

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. Statements or suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent.

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