

LeakBarrier® EasyLay® UDL Builder Grade

LeakBarrier EasyLay UDL Builder Grade 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 good walkable surface.

USAGE

EasyLay UDL Builder Grade is designed as an alternative to 15# asphalt saturated felt and can be used under shingles. It can be mechanically attached to several substrates, and used in new and re-roofing applications.

FEATURES AND BENEFITS

- ◆ Lightweight; less than 2 lb per square
- ◆ More coverage per roll than traditional felt
- ◆ Alternative to traditional ASTM D226 Type I and II felt
- ◆ Good pliability and low temperature flexibility
- ◆ 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 90 days
- ◆ Meets ASTM D8257
- ◆ Engineered to comply with applicable IBHS FORTIFIED Roof™ program requirements for synthetic underlays



STORAGE

- ◆ EasyLay UDL Builder Grade 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 Builder Grade 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 Builder Grade is considered a vapor barrier. Proper ventilation is critical. Ensure installation does not interfere with existing ventilation.
- ◆ EasyLay UDL Builder Grade shall not be torched or hot mopped to.
- ◆ On slopes less than 4:12, a double layer of EasyLay UDL Builder Grade 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 Builder Grade surface so as to avoid possible cuts or tears.
- ◆ When tin tags/caps are used to secure EasyLay UDL Builder Grade, 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 Builder Grade with any cuts or tears.
- ◆ EasyLay UDL Builder Grade 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 Builder Grade.
- ◆ 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 Builder Grade, 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 Builder Grade a minimum of 6" up any vertical surfaces.
- EasyLay UDL Builder Grade 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, MD/CD, lbf/in	50 / 30	ASTM D5034	Width 48 in (1.22 m)
Tear resistance, MD/CD, lbf/in	25 / 20	ASTM D4533	Length 250 ft (76.2 m)
Fastener pull-through, lbf	30	ASTM D8257	Thickness 7 mil (<i>nominal</i>)
Liquid water transmission	Pass	ASTM D4869	Gross Coverage 1,000 sq ft (10 sq)
Water vapor transmission, Perms	0.1	ASTM E96	Weight 19 lb (<i>nominal</i>)
Hydrostatic resistance, No water penetration	Pass	ASTM D8257	Rolls per Pallet 72
Pliability at 14°F (MD/XMD); No Cracking	Pass	ASTM D8257	
Linear dimensional change	Pass	ASTM D8257	
Thermal cycling	Pass	ASTM D8257	
Post-accelerated weathering	Pass	ASTM D8257	
Accelerated aging	Pass	ICC AC188	
Ultraviolet exposure	Pass	ICC AC188	
Algae & fungus resistance (Rank 0–4)	0 (no growth)	ASTM G21/ASTM D3273	

WARRANTY

Tarco Specialty Products offers a 20-Year Limited Material Warranty..

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