



LASTOBOND ECO

LASTOBOND ECO (71B)

Order No. D00825

DESCRIPTION

Lastobond ECO is a self-adhered reinforced underlayment composed of special elastomeric modified bitumen blends of SBS. Lastobond ECO is designed to be used under shingles and composition shingle roof systems and is available in split-back release material. Lastobond ECO can be exposed for periods up to ninety (90) days before the roof assembly is installed. Foot and equipment traffic, especially on steeper sloped roof areas can affect the finished surfacing and water tightness of the sheets. Traffic should be limited until specified roof assembly is installed.

COMPOSITION, PACKAGING & TECHNICAL DATA

Product/ Property	LASTOBOND ECO (One Square Roll)	LASTOBOND ECO (Two Square Roll)
Reinforcement	fiberglass	
Elastomeric Bitumen	blend of bitumen & SBS polymers	
Topside	sanded	
Underside	self-adhered with release material	
Approx. Nominal Thickness	47 mils (1.2 mm)	
Approx. Gross Roll Coverage	100 ft ² (8 m ²)	200 ft ² (19 m ²)
Side Lap (if applicable)	3" (76 mm)	
End Lap (if applicable)	6" (152 mm)	
Roll Length	33 feet (10.1 m)	67 feet (20.4 m)
Roll Width	36" (914 mm)	
Approx. Roll Weight	24.9 lbs (11.3 kg)	49.8 lbs (22.6 kg)
Rolls Per Pallet*	varies - boxed	varies - boxed

*Rolls stacked upright on pallet

TECHNICAL INFORMATION		
Test Results	LASTOBOND ECO	
Load strain properties @ 77° F (25° C)	MD	XD
Maximum load (lbs/inch)	46	35
Elongation @ maximum load (%)	4	4
Low Temperature Flexibility ASTM 1970	-13° F (-25° C)	
Peel Resistance on plywood ASTM D 903	18 lbs/ft	
Test results for manufacturing plant in Wadsworth, OH		

LIMITATIONS

- Minimum application temperature is 50° F (10° C).
- The roofing cover should be installed as soon as possible following the installation of Lastobond ECO.



APPLICATION INSTRUCTIONS

The Lastobond ECO membrane is bonded to a properly prepared, dry (not damp), clean substrate which is defined as, but is not limited to: free of dirt; dust; debris; oils; unadhered coatings; any other contaminants that may result in a surface that is not sound or is un-even and affects the adhesion of the membrane to the substrate. Acceptable substrates for Lastobond ECO are plywood, OSB, wood plank or composition, concrete, or masonry. Other surfaces may be acceptable, but the installer is responsible to determine substrate surface quality and whether priming is required so that Lastobond will stay adhered to that substrate.

Installation of Lastobond ECO membranes occur when the release material is removed and the self-adhesive underside is matted onto the approved substrate using applied pressure. Starting at the low point, position a full roll or cut the membrane into ten to fifteen (10' to 15') feet (3 to 5 m) lengths and re-roll loosely. Peel back one to two (1' to 2') feet (300-600 mm) of release material, align the membrane, and continue to peel the release film from the membrane. Press the membrane in place with heavy hand pressure. Apply pressure to the membrane roll side and end laps to insure water tightness and bonding to the substrate. Membrane installation must not prevent ventilation of existing structure.

Always work from the low to the high point of the roof. Follow good roofing practice by orientating Lastobond ECO so side laps shed water. Apply the membrane in valleys before the membrane is applied to the eaves. For valley and ridge application, peel the release material, center the sheet over the valley or ridge, drape, and press it in place. Work the center of the valley or ridge outward in each direction. Following placement along the eaves, continue application of the membrane up the roof. If nailing of the membrane is necessary on steep slopes during hot weather, back nail and cover the nails by overlapping with the next sheet. Extend Lastobond ECO to the height as recommended by the local building code or to the highest locally expected level in order to maintain water tightness from wind driven rain, headwater back-up, ice dams and snow load.

Install discontinuous and water shedding finished roof materials in accordance with roof supply manufacturers installation guidelines, requirements and local building codes with the most stringent requirements prevailing.

SPECIFIER NOTES

Specifiers use Lastobond ECO as a vapor retarder, air barrier and as an underlayment for shingles and composition shingle. The Specifier and/or end-user are responsible for other type installations. Specifiers and underlayment installers must check with the individual tile roof system manufacturers to determine what limitations their tile roof systems might have when an asphalt based material, which can be classified as a vapor retarder, is placed in close proximity to various finished insulated and non-insulated tile colors.

APPROVALS

See Underwriters Laboratories Inc. File #R21824, FM Approvals, ICC/ES, Miami-Dade County or Florida Building Code Product Approval Listings for current Approved Roof Assembly combinations. Soprema is ISO-9001:2008 Certified.

WARRANTY

Lastobond ECO meets Soprema's manufacturing material specification requirements.