



TRI-BUILT® SA PLYBASE

SELF-ADHERING SBS MODIFIED BITUMEN PLYBASE FOR SA ROOF SYSTEMS

PRODUCT USE: TRI-BUILT® SA PlyBase is designed for use as a base ply or inter ply in self-adhering roofing systems. It is suitable for use in the construction of various types of membranes for both new construction and re-roofing over a variety of substrates without fasteners.

LIMITATIONS: When using TRI-BUILT® SA PlyBase, pay particular attention to storage and handling, deck preparation, slope and drainage, and application requirements to assure a successful installation and long-term performance.

PRODUCT COMPOSITION AND FEATURES: TRI-BUILT® SA PlyBase is manufactured on an extra strength fiberglass reinforced mat that receives a coating of modified bitumen compound on the top of the sheet and a self-adhering modified bitumen compound on the back of the sheet. The top surface contains a permanent blue film that must not be removed. The back surface is finished with a removable release film.

Roll Dimensions:	39 ³ / ₈ " x 64' 6"
Nominal Coverage:	Two squares
Approximate Weight:	86 lbs.
Top Surface:	Permanent film
Bottom Surface:	Removable release film

APPLICABLE STANDARDS: Meets ASTM D4601, Type II, D1970 and CGSB 37 GP-56M Type 2a, Class C, Grade 1.

The following information represents typical average properties of TRI-BUILT® SA PlyBase.

Support Mat: Extra strength fiberglass reinforced mat.

Test Description	Test Method	Results*
Thickness:	ASTM D5147	1.5 mm (60 mils)
Tensile Strength:	ASTM D5147 @ 73°F MD/XD	65/40 lbs./in.
Elongation:	ASTM D5147 @ 73°F MD/XD	6.0%/5.0%
Packaging:	Individual cartons (20 rolls per pallet)	

***NOTE:** Published results are nominal production values confirmed by independent laboratory testing.

The following information is intended for general information only and is not all-inclusive.

DECK PREPARATION: TRI-BUILT® recommends the use of TRI-BUILT® SA NailBase in conjunction with all self-adhering membrane roof installations on nailable substrates. Non-nailable roof decks may receive direct application of TRI-BUILT® SA PlyBase followed by TRI-BUILT® SA Cap, provided the deck is thoroughly primed. It should be noted that without the use of a nailable base sheet, the membrane may be difficult to remove if removal is ever warranted and certain UL listings for the product may not apply.

NON-NAILABLE SUBSTRATES: Prime non-nailable substrates such as concrete at the rate of .20 to .25 gals/square. Allow primer to dry, maximum 4 hours. Apply TRI-BUILT® SA PlyBase directly to the primed surface. Overlap base sheet side laps 2" and end laps 6". Always start membrane application at the low point of the roof and install all plies so that no laps are against the flow of water. Offset end laps minimum 36". Once positioned, fold back the membrane halfway lengthwise and remove the release film, then ease back into place. Or lift the end of the membrane and pull the split release film out as you walk the length of the membrane. Repeat release-film removal procedure with other side of membrane. Cut opposing corners of end laps diagonally to minimize "T" seam joints and seal using TRI-BUILT® modified bitumen adhesive, trowel or caulk grade. Use a heavy, weighted roller to smooth and secure the membrane. Apply a bead of adhesive to side and end laps. Permanent top surface film is left in place.

Do not attempt application if ice, snow, moisture or dew are present. Surface to be bonded to must be clean, dry and free from any dust or deterrent to adhesion. Ambient temperature must be 50°F or above. Do not attempt installation on roofs without adequate slope and drainage. TRI-BUILT® SA rolls must be stored above ground indoors and protected from the elements. Rolls that are improperly stored or have been on hand for prolonged periods of time may lose their tack. Do not attempt to install rolls that do not exhibit an adequate bond.