



## SA PLYBASE

SELF-ADHERING SBS MODIFIED BITUMEN PLYBASE  
FOR SA ROOF SYSTEMS

### PRODUCT INFO:

**Product Use:** TopShield® PRO 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 reroofing over a variety of substrates without fasteners.

**Product Composition and Features:** TopShield® PRO 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 maroon film that must not be removed. The back surface is finished with a removable release film.

<b>Roll Dimensions:</b>	39 <sup>3</sup> / <sub>8</sub> " x 64' 6"
<b>Coverage:</b>	Two squares
<b>Approximate Weight:</b>	86 lbs. per roll
<b>Top Surface:</b>	Permanent film
<b>Back Surface:</b>	Removable release film

**Applicable Standards:** Meets ASTM D4601, Type II, D1970 and CGSB 37 GP-56M Type 2a, Class C, Grade 1. TopShield® PRO is approved by Underwriters Laboratories for use in various Class A, B and C roof assemblies.

### TECHNICAL DATA:

The following information represents typical average properties of TopShield® PRO SA PlyBase.

**Support Mat:** Extra strength fiberglass reinforced mat.

TEST DESCRIPTION	TEST METHOD	*RESULTS
<b>Thickness:</b>	ASTM D5147	1.5 mm (60 mils)
<b>Tensile Strength:</b>	ASTM D5147 @ 73°F MD/XD	65/40 lbs./in.
<b>Elongation:</b>	ASTM D5147 @ 73°F MD/XD	6.0%/5.0%
<b>Packaging:</b>	Individual cartons (20 rolls per pallet)	

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

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#### INSTALLATION:

**Limitations:** When using TopShield® PRO 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.

**Deck Preparation:** TopShield® recommends the use of TopShield® PRO SA NailBase in conjunction with all self-adhering membrane roof installations on nailable substrates. Non-nailable roof decks may receive direct application of TopShield® PRO SA PlyBase followed by TopShield® PRO SA Cap, provided the deck is thoroughly primed using TopShield® #56 SA Primer. 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.

#### PRODUCT APPLICATION:

**Non-Nailable Substrates:** Prime non-nailable substrates such as concrete using TopShield® #56 SA Primer at the rate of .20 to .25 gals/square. Allow primer to dry, maximum 4 hours. Apply TopShield® PRO 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 TopShield® #33 SBS modified bitumen adhesive, trowel or caulk grade. Use a heavy, weighted roller to smooth and secure the membrane. Apply a bead of TopShield® #33 adhesive to side and end laps. Permanent top surface film is left in place.

#### PRECAUTIONS:

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.

#### STORAGE AND HANDLING:

TopShield® PRO 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.

#### WARRANTIES:

SRS Distribution (SRS) warrants to the original building owner (Owner) that the Product described above, will remain free of manufacturing defects until the Warranty Expiration Date.