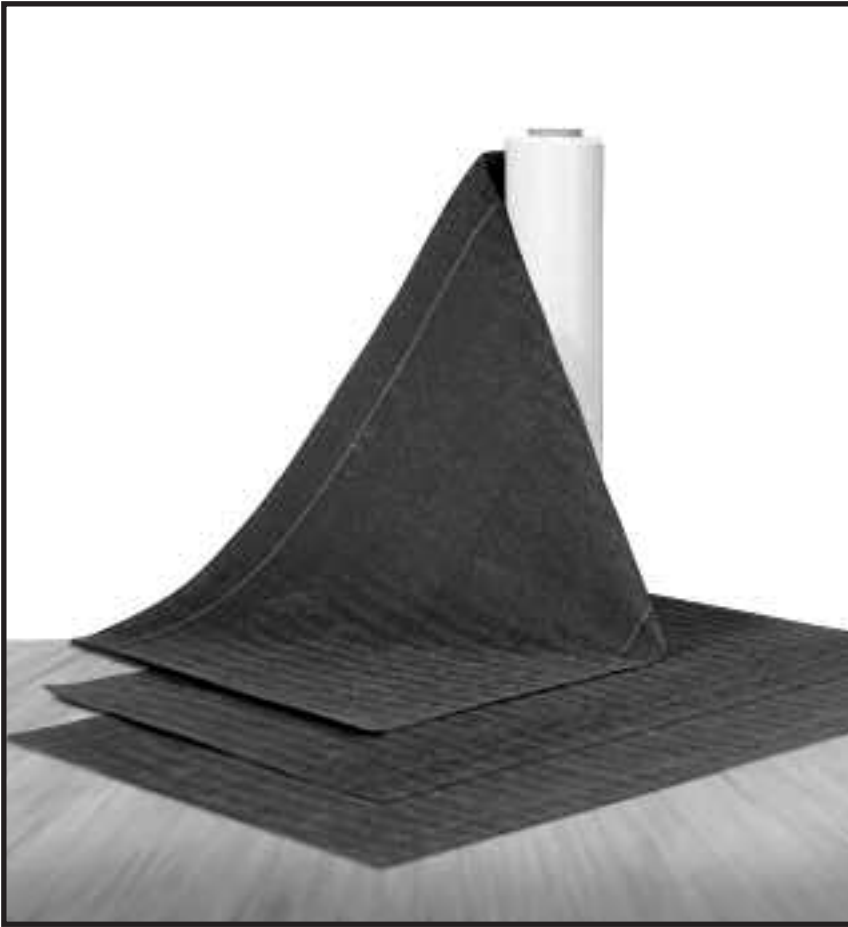


SHIELDGARD[™]

Self-Adhering Multi-Purpose SBS-Modified Bitumen Membrane



Elk ShieldGard is a self-adhering, fiberglass-reinforced, multi-purpose membrane used as a base or ply sheet for self-adhered modified bitumen (SAMBS) systems and as an underlayment for cedar, tile and asphalt roofing shingles. Manufactured with SBS-modified asphalt, Elk ShieldGard comes with a split poly release liner. For technical information, contact 888.743-4527.

Plant Location:
3441 S. Willow Ave.
Fresno, CA 93725
559.499.4222

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FEATURES:

- Manufactured with SBS-modified asphalt.
- Fiberglass-reinforced.
- Sanded surface.
- 3" lay line.
- Split poly release liner.
- 10 year material warranty.
- Thickness: Approx. 51 mils

USAGE:

- Self-adhering membrane used as a base or ply sheet for self-adhered, modified bitumen systems (SAMBS) and as an underlayment for cedar, tile and asphalt roofing shingles.

PACKAGING:

- Roll Size:
39.37" (1 m) x 65.8' (20 m)
- Coverage: 2 squares (18 sq. m)
- Rolls per Pallet: 25

APPROVALS:

- ASTM D5147
- Meets or exceeds the adhesion criteria of ASTM D1970.
- FBC 2337
- Coverage: 2 squares (18 sq. m)
- Rolls per pallet: 25



Self-Adhering Multi Purpose SBS-Modified Bitumen Membrane

SUBSTRATE PREPARATION:

- Make sure deck is free of all debris and voids.
- Deck must have proper support. Springy areas must be supported prior to application of roof membrane.
- Deck must be dry and have positive drainage.
- Apply at temperatures 50° F (10° C) and rising.
- All concrete or masonry substrates must be primed.

Note: • Not to be applied over existing roof coverings or uneven roof decks. • Stand on end. Do not lay flat. Store in cool dry area out of direct sunlight. • Store rolls at temperatures between 55° F and 95° F (13° C and 35° C) • Rotate stock – best used within 1 year of manufacture date. • Material should be unrolled and allowed to relax prior to installation.

APPLICATION INSTRUCTIONS:

1. ShieldGard SBS-modified, self-adhered, fiberglass-reinforced base sheet is recommended for installation over all substrates. ShieldGard may also be used as a mid-ply in multi-ply applications.
2. Roll out ShieldGard the full length of the eave. Cut the material in half lengthwise. Re-roll both both halves.
3. Roll out one, half-roll along the edge of the roof deck and remove release film while unrolling. Press firmly into place to adhere to the deck.
4. Cut full rolls of membrane into 12' (3.7 m) to 15' (4.6 m) lengths and allow membrane to relax.
5. Align the first full roll lengthwise with the installed half roll, overlapping 3" (76.2 mm) along side lap.
6. Fold the lower edge of ShieldGard in half, up-slope, and remove lower release film from the exposed half of the roll.
7. After release film has been removed, fold ShieldGard back onto the deck, overlapping the first half roll sheet and press firmly into place.
8. Fold the upper portion down slope and remove the remaining release film. Fold back into place and roll entire sheet with a 75 lb. (34 kg) roller.
9. Continue the fold-peel-stick procedure on succeeding courses until roof deck is covered, ensuring all side laps are a minimum of 3" (76.2 mm). When end laps are required, allow a minimum of 6" (152.4 mm) overlap.

Do not leave ShieldGard exposed for more than 30 days. Approvals: Meets the criteria of ASTM D5147 and meets or exceeds the adhesion criteria of ASTM D1970. Meets FBC 2377.

ELK SHIELDGARD – TECHNICAL DATA

Property	Test	Typical Result
Tensile Strength, lb/in	ASTM D1970	MD: 50/CD: 40
Tensile Strength, after aging, lb/in	ASTM D1970	MD: 47/CD: 38
Tensile Tear Strength	ASTM D4073	MD: 90/CD: 60
Cold Flex Strength -20° F (-29° C)	ASTM D1970	Pass
Softening	ASTM D36	235° F (112° C)