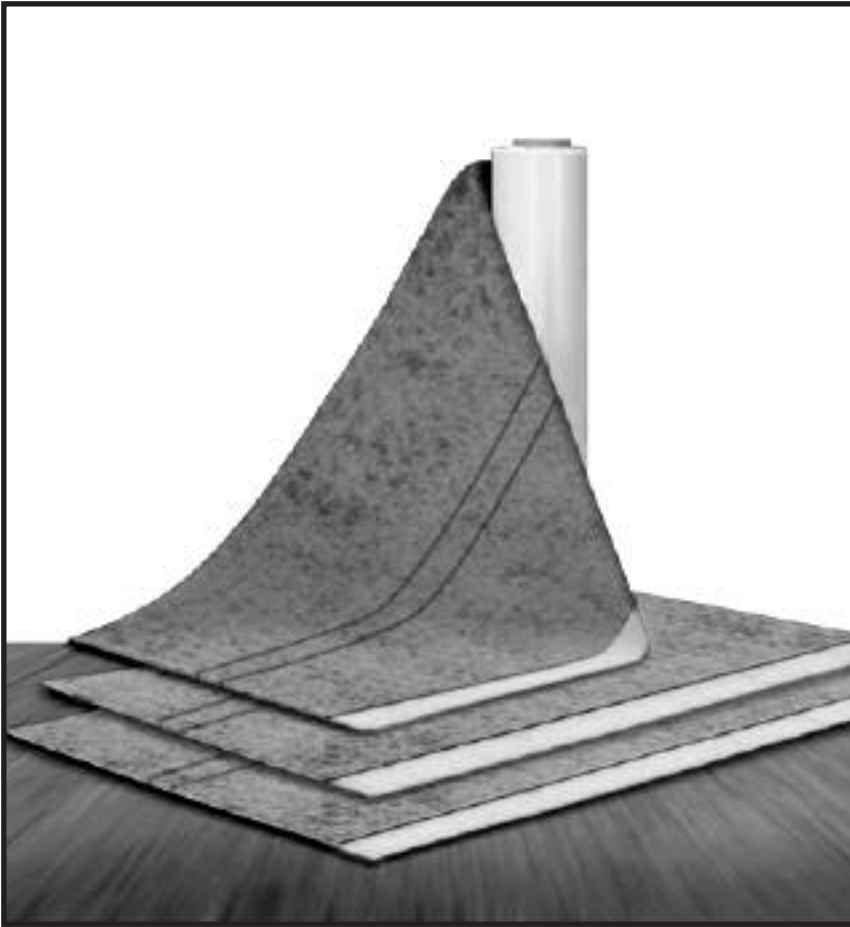


HT SHIELDGARD™

High Temperature Self-Adhering Metal and Tile Underlayment



Elk HT ShieldGard is a modified asphalt underlayment with polyester surfacing for high temperature applications under metal and tile roofing. The underlayment is used under the primary roof-covering for the prevention of moisture intrusion. Manufactured with SBS-modified asphalt, Elk HT ShieldGard comes with the Grip-Lap feature, a split poly release liner and a smooth, polyester surface eliminating the need for a slip sheet under metal roofing. Elk HT ShieldGard comes in a 39 3/8" x 61' (1 m x 18.56 m), two square roll. For technical information, contact 888.743.4527.

Plant Location:
3441 S. Willow Ave.
Fresno, CA 93725
559.499.2222

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FEATURES:

- High temperature adhesive withstands temperatures up to 260° F (126.6° C).
- Polyester/Fiberglass-reinforced surface adds dimensional stability and durability while working with the membrane.
- Side lap has Grip-Lap™ feature.
- Meets ASTM D1970 for nail sealability.
- Surfacing provides superior slip resistance and will not abrade or adhere to the bottom surface of metal panels.
- Meets FBC TAS 103 for tile slippage at 6:12 slope.
- Approved for up to 120 day exposure.
- Compatible with polyurethane foam application of tile roofing.
- Split release film for ease of application.
- Approximate thickness: 60 mils.

USAGE:

- Self-adhering underlayment used under the primary roof covering for the prevention of moisture intrusion.

PACKAGING:

- Roll Size: 39 3/8" (1 m) x 61' (18.56 m)
- Rolls per Pallet: 20

APPROVALS:

- ICCES Pending
- ASTM D1970
- TAS 103
- FBC 4539



High Temperature Self-Adhering Metal and Tile Underlayment

SUBSTRATE PREPARATION:

- May be applied directly to plywood, wood composition board, polyisocyanurate, extruded and expanded polystyrene insulation, gypsum sheathing and wood plank. For best adhesion, lightly prime wood and masonry substrates.
- Primer must be fully cured prior to membrane application.
- Deck may not have voids or areas that are unsupported.
- Deck must be clean and dry or loss of adhesion may occur.

APPLICATION GUIDELINES:

- Always start from the lowest point on roof deck.
- Membrane should be unrolled, exposed to sunlight and allowed to relax before installation.
- Align the membrane on the lower edge of roof.
- Peel back release film and align the membrane on the lower edge of roof.
- Pull the release film to peel back and apply membrane.
- Roll lower edges and seams with a hand roller. Use flat broom or squeegee to help lay flat and adhere the field of the underlayment.
- Where nailing is needed for steep slope applications, backnail and cover nails by overlapping with the next sheet.
- Valley and ridge applications: peel back the release film, center the sheet over the valley or ridge and press firmly into place. Always start from the lowest point on valley applications.
- End laps must be at least 6 inches (152.4 mm) and side laps must be at least 3" (76.2 mm).
- For best adhesion, apply in 50° F (10° C) and rising. Store rolls at temperatures between 55° F and 95° F (13° C and 35° C).

Refer to tile and metal panel manufacturer's installation instructions.
Contact Technical Services 888.743.4527 for alternative installation methods.

All material must be installed in compliance with applicable codes and ordinances.

Approvals: Meets ASTM D1970 and FBC TAS 103. ICCES Pending.

ELK HT Shieldgard Specifications

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
Elongation	ASTM D1970	35%
Tear Resistance	ASTM D1970	MD:80 CD:60
Thickness	ASTM D1970	60 mils
Pliability @ -20° F (-28° C)	ASTM D1970	Pass

HANDLING AND STORAGE:

Notes:

- Stand on end. Do not lay flat.
- Store in cool, dry area out of direct sunlight.
- Rotate stock-use within one year of manufacture date.
- Material should be unrolled, exposed to sunlight and allowed to relax prior to installation.