

DERBIBASE SA

Fiberglass reinforced SBS modified bitumen self adhered base sheet

ADVANTAGES

- ▶ High quality SBS (Styrene-Butadiene-Styrene) rubber and asphalt blend that lends elasticity and flexibility to the sheet
- ▶ Fiberglass reinforcement provides exceptional tensile strength and dimensional stability
- ▶ Mineral surfacing provides for exceptional bonding to heat welded inter-ply or cap sheets
- ▶ Split-film release allows for easy removal and quicker installation
- ▶ Specially formulated high-tack adhesive forms an immediate long-lasting bond
- ▶ Self-adhered application allows for quick and easy installation



TECHNICAL CHARACTERISTICS

DERBIBASE SA Results*

PROPERTY	MD	XMD	ASTM
Peak Load @ 0°F; lbf/in	100	90	D5147
Peak Load @ 73.4°F; lbf/in	50	40	D5147
Elongation at Peak Load @ 0°F; %	4	4	D5147
Elongation at Peak Load @ 73.4°F; %	5	4	D5147
Tear Resistance @ 73.4°F; lbf	60	60	D5147
Dimensional Stability; %	< 0.5	< 0.5	D5147
Low Temperature Flexibility @ 32°F	Pass	Pass	D5147
Compound Stability @ 230°F	Pass	Pass	D5147

* All values shown are nominal and subject to normal manufacturing tolerances.

PRODUCT INFORMATION*

PROPERTY	VALUE
Thickness; mil (mm)	87 (2.2)
Length; ft (m)	49.2 (15.0)
Width; in (m)	39.4 (1.0)
Weight; lb (kg)	73 (33.3)
Net Coverage; ft ² (m ²)	147.6 (13.7)

* All values shown are nominal and subject to normal manufacturing tolerances.

PACKAGING & STORAGE

Packaged 20 rolls per pallet. Store rolls on end and maintain in an upright position to prevent damage. Store rolls in a clean, dry location and cover as necessary to protect rolls from environmental damage such as extreme cold, heat, or moisture.

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SURFACE PREPARATION

GENERAL: Preparation of the substrate and proper application methods are critical to the long-term performance of self-adhered membranes. All surfaces must be free of gross irregularities, loose, unsound or foreign material. Included, but not limited to, conditions are dirt, moisture, oil, grease, release agents, paints and coatings, lacquers, excess granules, roof cements, loose granules or any other substances that may prohibit adhesion.

SA PRIMER: Performance Roof Systems requires the application of SA Primer for all existing roof surfaces. Prime all working surfaces with SA primer at a rate of $\frac{3}{4}$ - 1 gallon per 100 square feet via roller, brush, or spray equipment. Ensure light, uniform coverage and ensure primer is not being applied heavy or thick. The primer should feel tacky but not transfer when touched.

NOTE: Do not proceed if primer is wet or becomes fully dry or dirty. If primer becomes fully dry, dirty and loses all tack, re-prime the substrate as necessary to achieve membrane adhesion.

APPLICATION

1. Prior to installation, unroll Derbibase SA onto the roof surface and allow membrane to relax.
2. Begin installation at the low point of the roof, shingling base plies perpendicular to the roof slope.
3. Side laps must be a minimum of 3 inches and end laps a minimum of 6 inches. Offset end laps by a minimum of 18 inches.
4. Once positioned, fold membrane in half lengthwise and begin slowly removing the release film. Press the membrane into place with firm, even pressure to ensure positive adhesion. Remove release film from other half using same methods. Roll all seams with 4 inch hand roller to promote adhesion.
5. Cut the end lap at a 45° angle approximately 3 inches from the corners to minimize T seams.
6. All end laps must be primed using SA Primer prior to adhering. In lieu of priming, end laps can be heat welded or fully torched.
7. Remove release film and firmly press edge into place. Roll finished end lap with 4 inch hand roller.
8. Roll the finished surface using an 80 lb linoleum roller to ensure positive adhesion.

Cold Weather Application:

The ambient temperature should be at least 40°F, and rising to ensure conditions remain acceptable to apply self-adhesive primers and membrane plies.

Derbibase SA and SA Primer should be at or above 70°F for suitable application. Use a warm storage area to ensure the minimum application temperature is maintained.

LIMITATIONS

- ▶ Adequate surface preparation is the key to proper adhesion. Ensure all substrates are clean, dry and receive the specified self-adhesive primer.
- ▶ Performance Roof Systems advises that adhesion/peel tests be performed prior to application for concrete, masonry and other substrates where surface conditions may vary.
- ▶ In phased installations, where Derbibase SA is not covered the same day, Performance Roof Systems recommends exposure be limited to 30 days and that all laps are heat welded.
- ▶ Ambient and surface temperatures must be between 40°F (and rising) and below 110°F.
- ▶ Do not attempt application if ice, snow, moisture or dew are present. Temperatures should be a minimum of 5 degrees above the dew point.
- ▶ Not intended to perform under ponding water conditions. Positive drainage required.