

DERBIBASE ULTRA SA

Polyester Reinforced SBS Modified Bitumen Self Adhered Base Sheet

DESCRIPTION

Derbibase Ultra SA is a self-adhering, polyester reinforced, SBS modified bitumen base sheet designed for use in approved multi-layer roof systems. DERBIGUM's high-tack self-adhering formula, aggressively bonds to substrates instantly forming a watertight seal. Derbibase Ultra SA delivers long-term waterproofing performance with all the advantages of self-adhered application.

PRODUCT INFO

CHARACTERISTIC	U.S. CUSTOMARY	METRIC
Thickness	106 mil	2.7 mm
Length	49.2 ft	15.0 m
Width	39.4 in	1.0 m
Weight	103 lb	46.5 kg
Net Coverage	147.6 sq ft	13.7 sq m

ADVANTAGES

- ▶ High quality SBS (Styrene-Butadiene-Styrene) rubber and asphalt blend that lends elasticity and flexibility to the sheet.
- ▶ Constructed with high performance polyester reinforcement providing exceptional tensile strength and dimensional stability
- ▶ Mineral surfacing provides for exceptional bonding to heat welded interply 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 Ultra SA Results*

Tested using ASTM Methods

CHARACTERISTIC	TESTED	MACHINE DIRECTION	CROSS DIRECTION	UNITS
Tensile Strength	0 °F	110	85	lbf/in
	73 °F	85	65	lbf/in
Elongation	0 °F	35	40	%
	73 °F	55	60	%
Tear Resistance	73 °F	125	85	lbf
Dimensional Stability		< 0.5	< 0.5	%
CHARACTERISTIC		INITIAL	AGED	UNITS
Cold Flex		-15	-15	°F
CHARACTERISTIC		MAXIMUM		UNITS
Compound Stability		240		°F

*All values shown are nominal and subject to normal manufacturing tolerances. Cold Flex tested initially within 24 hours and again aged 28 days.

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.



SDS available
on request:
(800) 727-9872
www.derbigum.us



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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: DERBIGUM 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 Ultra 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 Ultra 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.
- ▶ DERBIGUM advises that adhesion/peel tests be performed prior to application for concrete, masonry and other substrates where surface conditions may vary. Contact DERBIGUM Technical Services for applicable recommendations.
- ▶ In phased installations, where Derbibase SA is not covered the same day, DERBIGUM recommends exposure be limited to 30 days and that all laps are heat welded. Contact DERBIGUM Technical Services for additional requirements regarding phased installations.
- ▶ 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.



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