



ERS-8000-SA

P/N: 025-0020

For Professional Use Only



PRODUCT DESCRIPTION:

ERS-8000-SA combines the convenience of a self-adhered system with the strength and integrity of traditional membranes in a highly reflective, energy saving white color. Projects with challenging environmental restrictions and customer sensitivity to fumes call for ERS-8000-SA. This membrane is used to cap cold, self-adhered applications directly over approved insulations or other substrates which have been properly primed. ERS-8000-SA may be used in all situations and over all surfaces where cold self-adhered membranes are specified and positive slope to drain exists.

This membrane is designed specifically for commercial and industrial applications where maximum integrity of the roofing system over time is of paramount concern. A three-inch selvedge is provided on one side of the roll so that side-seams can be heat welded for maximum long-term durability.

LIMITATIONS:

ERS-8000-SA cannot be used with coal tar mastic but can be applied over coal tar roofs with appropriate separation. Phased construction is not approved. A positive slope of 1/2" in 12" must be in place prior to application. Vertical flashings may not exceed 18" in height without installing a termination bar or other approved method of fastening. ERS-8000-SA should only be applied when temperatures are 45°F and rising.

MATERIALS AND COMPOSITION:

ERS-8000-SA is composed of an elastomeric blend of DuPont Elvaloy™ along with other unique ingredients reinforced with dispersed polyester fibers and incorporating an SBS adhesive in the manufacturing process.

APPLICATION:

The subsurface should be smooth, level, clean, and dry. All surfaces on which ERS-8000-SA is to be adhered must be primed with a quick drying asphalt based primer, such as ERS-301. It is imperative that the primer be dry prior to application of the ERS-8000-SA membrane. The substrate must have positive slope to drain. Do not apply directly over insulation. ERS-Recover Board is recommended if insulation does not have a facer. Alternatively, ERS-Insulation-IS-A, with a heavy felt facer or ERS-Insulation-IS-B, with a heavily coated fiberglass glass facer can be specified.

ERS-8000-SA can be installed directly over existing substrates, approved insulations, or base sheets after all have been properly primed. ERS-8000-SA can be used as the surface membrane in a built-up system; for example: Install vapor barrier as required per vapor barrier manufacturer's instructions. Install cant strip (treated wood or fibrous) and treated wood nailers. Wood nailers are to be installed so as to meet the height of the insulation. Install glass ply sheets and glass base sheets per specifications. When the first ply sheet is to be mechanically fastened a second glass ply sheet must be fully adhered in specified ply adhesive. Seam integrity is created by welding overlapping membrane's selvedge at the lay line located 3" in from the sides of the membrane. Finished end laps are achieved by overlapping the ends of the ERS-8000-SA sheets by 9", and hot air welding ERS-8000 Trim Strip over the end seams, and 3" over the end laps.

PHYSICAL CHARACTERISTICS:

Property	Test Method	Results
Elongation	ASTM-D-412	170%
Tensile Strength	ASTM-D-412	1300 lbs/in ²
Tear Strength	ASTM-D-624	270 ppi
Density @ 70°F		80 lbs/ft ²
Low Temperature Flexibility	37-GP-56M	Pass
Water Absorption	37-GP-56M	Less than 0.1%

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