



PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

ERS-507

P/N: 045-0045

For Professional Use Only



PRODUCT DESCRIPTION:

ERS-507 is a proven performer in Ecology Roof Systems' product line. Formulated with a high percentage of SBS (Styrene Butadiene Styrene) elastomeric polymers blended with specially selected asphalts, the resulting waterproofing compound has a rubber-like elasticity capable of taking on conditions of extreme roof stress. The membrane is reinforced with a heavy-duty, non-woven, needle-punched, polyester fabric giving it superior toughness and puncture resistance, which is superior to conventional built-up roofing. The formulation and polyester reinforcement assure membrane flexibility at all temperatures, including those 0°F.

RECOMMENDED USES:

ERS-507, with its sand finish on top and bottom, allows it to be used in systems where surfacing other than granule is desired. Special formulations are also available with SEBS (Styrene Ethylene/Butylene Styrene) polymers designed to add additional ultraviolet protection.

APPROVALS:



PACKAGING:

39" x 33' roll; 25 rolls per pallet.

PHYSICAL PROPERTIES:

Physical Property per ASTM D 6164, Type II, Grade S	MD	XD
Tensile – Max Load at 0 ± 3.6°F lbf/in	159	111
Elongation at 0 ± 3.6°F %	33	28
Tensile – Max Load at 73.4 ± 3.6°F lbf/in	136	99
Elongation at 73.4 ± 3.6°F %	54	59
Tear Strength at 73.4 ± 3.6°F lbf	164	121
Low Temperature Flex °F max	-15	-15
Dimensional Stability % max	<0.1	<0.1
Compound Stability Temp °F	230	230
Granule Embedment g/max	NA	NA
Minimum values before and after Heat Conditioning.		

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