



PRODUCTS FOR OUR ENVIRONMENT

**TECHNICAL DATA SHEET**

**ERS-536**

102012psi

For Professional Use Only

**PRODUCT DESCRIPTION:**

ERS-536 membrane is composed of selected SBS modified bitumen applied onto a woven fiberglass composite reinforcement and is produced with a plastic burn-off film on the underside and topside as a field base membrane ply. The plastic burn-off film surfaced base membrane ply is adhered to a properly prepared or primed substrate (where required) by using heat welding. The plastic burn-off film surface on the base membrane ply topside allows for inner ply or cap sheet membranes to be bonded by heat welding application method. ERS-536 meets ASTM D 6162.

**RECOMMENDED USES:**

ERS-536 can be used as a base field base membrane ply in an approved heat welded multi-ply waterproofing assembly. It should be installed with minimum three inch (3", 76 mm) sidelaps and six inch (6", 152 mm) end laps or in accordance with specific requirements.

**ADVANTAGES:**

- Classified by Underwriters Laboratories, Inc.® as to an external fire exposure

**APPROVALS:**



**ROLL DIMENSIONS AND PACKAGING:**

Product/Property	ERS-536
Reinforcement	Composite fiberglass/non-woven polyester
Elastomeric Bitumen	Selected blend of bitumen and SBS thermoplastic polymers
Topside	Plastic film
Underside	Plastic film
Approximate Nominal Thickness	4.1 mm (160 mils)
Approximately Roll Coverage	97.5 ft <sup>2</sup> (9.1 m <sup>2</sup> )
Side Lap	3" (76 mm)
End Lap	6" (152 mm)
Roll Length	33 ft (10 m)
Roll Width	39" (1 m)
Approximate Roll Weight	110 lbs. (49.9 kg)
Rolls per Pallet*	30
*Rolls stocked upright on pallet	

**STORAGE:**

One (1) year from date of shipment when stored in cool dry place, preferably indoors.

**PHYSICAL PROPERTIES:**

Physical Property per ASTM D 6163, Type I, Grade G	MD	XD
Tensile – Max Load at 0 ± 3.6°F lbf/in	400	450
Elongation at 0 ± 3.6°F %	5	6
Tensile – Max Load at 73.4 ± 3.6°F lbf/in	300	274
Elongation at 73.4 ± 3.6°F %	19	17
Tear Strength at 73.4 ± 3.6°F lbf	390	390
Low Temperature Flex °F max	-13	-13
Dimensional Stability % max	<0.5	<0.5
Compound Stability Temp °F	250	250
Granule Embedment g/max	<2	<2

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