



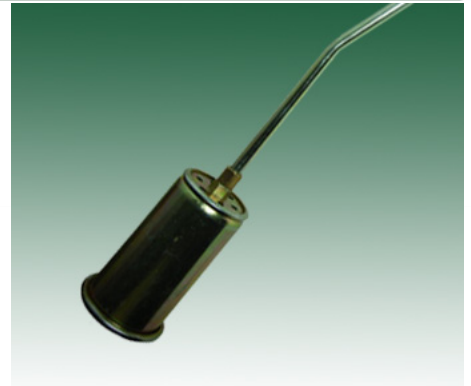
PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

ERS-575

P/N: 045-0135

For Professional Use Only



PRODUCT DESCRIPTION:

ERS-575 is composed of carefully formulated SBS modified bitumen applied onto a polyester reinforcement with a polypropylene film underside and a reflective white top surface. The flashing plies and optional field inner ply(s) are adhered to a properly prepared, clean, dry and/or primed (where required) substrate by using the specified method.

An ERS-575 heat welded cap sheet is installed over film surfaced or a sanded base membrane.

ERS-575 membranes are manufactured with fire retardant agents (FR) for UL and ASTM E-108 Class A Ratings. See published Specifications and Approved Details.

COMPOSITION & PACKAGING:

Carry Mat:	Polyester
Elastomeric Bitumen:	Select blend of bitumen & SBS thermoplastic polymers.
Topside:	Highly Reflective Reinforcement Film
Underside:	Film for torching (polypropylene)
Nominal Thickness:	138 mils (3.5 mm)
Approximate Roll	Coverage: 97 sq.ft. (9.1m ²)
Side Lap:	4" (102 mm)
End Lap:	6" (152 mm)
Roll Length:	33 ft. (10 m)
Roll Width:	39 in. (1 m)
Approximate Roll Weight:	90 lbs. (41 kg)
Rolls per Pallet:	25 (rolls stacked upright on pallet)

PHYSICAL CHARACTERISTICS:

Physical Property per ASTM D 6164, Type II, Grade S & ASTM D 5147	MD	XD
Tensile - Max Load at 0 ± 3.6°F lbf/in	162	117
Elongation at 0 ± 3.6°F %	49	30
Tensile - Max Load at 73.4 ± 3.6°F lbf/in	105	90
Elongation at 73.4 ± 3.6°F %	59	78
Tear Strength at 73.4 ± 3.6°F lbf	138	162
Low Temperature Flex °F max	-15	-15
Dimensional Stability % max	0.2	0.2
Compound Stability Temp °F	239	239
Minimum values before and after Heat Conditioning.		

APPROVALS:

Underwriters Laboratories Inc. File #R13918

FM Approvals

Meets Florida Power & Light (FPL) requirements



Ecology Roof Systems®

Corporate Offices

9821 Olde Eight Road, Unit F, Northfield, OH 44067

PHONE: 330-467-4220 FAX: 330-467-4225

www.ecologyroof.com

REGIONAL OFFICES LOCATED ACROSS THE U.S.

To the best of our knowledge, all technical data contained herein is true and accurate as of the date of issuance and subject to change without prior notice. User must contact Ecology Roof Systems to verify correctness before specifying or ordering. We guarantee our products to conform to the quality control standards established by Ecology Roof Systems. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY ECOLOGY ROOF SYSTEMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.