



ERS-8000-MA

P/N: 025-0010
025-0011
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For Professional Use Only



PRODUCT DESCRIPTION:

ERS-8000-MA is a polyester reinforced, white thermoplastic flashing membrane formulated with DuPont Elvaloy (KEE-Ketone Ethylene Ester). Designed to perform even in the most hostile environments, ERS-8000-MA features excellent solar reflectance, as well as chemical, UV, impact and tear resistance.

RECOMMENDED USES:

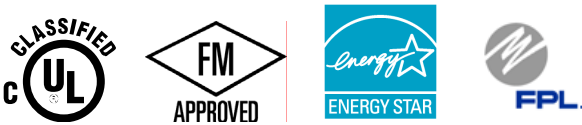
ERS-8000-MA can be used as a highly reflective, flexible and tear-resistant flashing membrane or as a flashing surface to complement ERS-8000-FB roof systems. ERS-8000-MA is also available in black.

It is also designed to be hot air welded to ERS-8000-FB or ERS-8008, ERS-8009, and mechanically secured in approved flashing details or cold adhered with ERS-8001 or ERS-White Flashing Mastic SB.

ADVANTAGES:

- Highly reflective white color can significantly reduce cooling loads in especially hot and dry climates.
- Highly chemical resistant.
- Polyester reinforced to provide excellent puncture and tear resistance.
- Contains no VOC's.
- Seams are heat welded.
- Classified by Underwriters Laboratories, Inc.® as to an external fire exposure.
- Meets requirements of Factory Mutual Corporation® Standard 4470.
- Solar reflectance and thermal emittance (emissivity) values in accordance with the Cool Roof Rating Council Product Rating Program.
- Formulated with DuPont Elvaloy® for superior performance and sustainability.
- Energy Star compliant.
- Meets Florida Power & Light (FPL) requirements.
- ERS-8000-MA is also available in black.

APPROVALS:



INSTALLATION:

Surface Preparation: The surface over which the sheet is to be installed must be firm, dry, smooth and compatible with the membrane and application method to be used. All surfaces must be free of debris and loose material for installation of the membrane. Underlying surfaces must be designed and installed in accordance with design specifications. Positive drainage is required.

Application: When utilized as a flashing membrane with the ERS-8000-FB roof systems, ERS-8000-MA shall be installed in accordance to approved detail drawings, architectural plans and specifications.

STORAGE LIFE: One (1) year when stored in a cool, dry area.

PACKAGING:

ERS-8000-MA is available in white or black in:

- 60 mil 10 square roll
- 60 mil 78" x 90' roll
- 80 mil 10 square roll.

PRECAUTIONS:

Use adequately sized equipment during hot-air welding procedures. All seaming repairs must be performed the same day of installation.

PHYSICAL PROPERTIES:

Property	Value	Test Method
Breaking Strength (min., lbs/in)	300 lbs. x 300 lbs.	ASTM D 751 (grab method)
Seam Strength (min. % of breaking strength)	90%	ASTM D 638
Elongation at break	35% x 40%	ASTM D 751
Heat Aging	80% x 80%	ASTM D 3045
Tear Strength	100 lbs. x 100 lbs.	ASTM D 751
Low Temperature Bend	Pass (-40°F)	ASTM D 2136
Permeance	.003 Perms - .055 Perms	ASTM D 1204 (procedure BW)
Dimensional Change (max %)	0.3%	ASTM D 1204 (@ 176°F, 6 hours)
Dimensional Change (max %)	1.0%	ASTM D 1204 (@ 212°F, 1 hour)
Water Immersion	1.0%	ASTM D 570
Hydrostatic Resistance (min., psi)	400 psi	ASTM D 751 (method D)
Ozone Resistance	Pass	ASTM D 1149
Accelerated Weathering (UV-B, 8 hr. @ 70°C, condensate, 4 hr. @ 50°C)	None	ASTM G 53
Emmaqua Test	Pass (2.7 million Langleys)	ASTM E 838
Underwriters Laboratories	Class A	
Factory Mutual	Class I-90	
Solar Reflectivity	.822	ASTM E 903
Emissivity	.915	ASTM C 1371
SRI	109	ASTM E 1980

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