



PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

ERS-8000-FL-R

P/N: 035-0055

For Professional Use Only



PRODUCT DESCRIPTION:

ERS-8000-FL-R is produced with DuPont Elvaloy® KEE and is a white polyester reinforced flashing membrane with built in chemical, UV and fire resistance. The ERS-8000-FL-R results in a highly reflective, low maintenance roof surface that saves the building owner energy and labor costs and helps to reduce pollution in the surrounding environment.

RECOMMENDED USES:

ERS-8000-FL-R can be used as a highly reflective, flexible and tear-resistant flashing membrane or as a flashing surface heat welded to ERS-8000-FB or ERS-8000-MA roof systems.

ADVANTAGES:

- Hot air welded seams are the strongest most reliable seams in the roofing industry.
- Chemical, Ozone and UV exposure do not affect surface pliability or functional integrity.
- Effectively tested to perform in high wind situations.
- Increased cold weather flexibility allows installation in below freezing temperatures.

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 or ERS-8000-MA roof systems, ERS-8000-FL-R 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-FL-R is available in 39" X 90' rolls.

PHYSICAL PROPERTIES:

Characteristics	Test Method	Physical Properties
Color		White
Thickness	ASTM-D-751	60 mil
Weight		6.1 oz/sq.ft.
Breaking Strength (minimum, lbs/in)	ASTM-D-751 (grab method)	300 lbs. X 300 lbs.
Seam Strength (min. % of breaking strength)	ASTM-D-638	90%
Elongation @ Break	ASTM-D-751	17% X 19% -- 35% X 40%
Heat Aging	ASTM-D-3045	80% X 80%
Tear Strength	ASTM-D-751	100 lbs. X 100 lbs.
Low Temperature Bend	ASTM-D-2136	PASS (-40°f)
Permeance	ASTM-D-1240 (Procedure BW)	.003 Perms -- .055 Perms
Dimensional Change (maximum %)	ASTM-D-1204 (@176°F, 6 hours)	0.3%
Dimensional Change (maximum %)	ASTM-D-1204 (@ 212°f, 1 hour)	1.0%
Water Immersion	ASTM-D-570	1.0%
Hydrostatic Resistance (min., psi)	ASTM-D-751	400 psi
Ozone Resistance	ASTM-D-1149	Pass
Accelerated Weathering (UV-B, 8hr, @ 70°C, condensate, 4hr @50°C	ASTM-G-53	None
Emmaqua Test	ASTM-E-838	Pass (2.7 million Langleys)
Underwriters Laboratories		Class A
Factory Mutual		Class 1-90
Solar Reflectivity	ASTM-E-903	.822
Emissivity	ASTM-C-1371	.915
SRI	ASTM-E-1980	109

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