

# AWAPLAN 170 FR

PRODUCT DATA

## Polyester Reinforced SBS Modified Roofing Membrane

### DESCRIPTION

AWAPLAN 170 FR is reinforced with a 180 g/m<sup>2</sup> nonwoven polyester mat saturated with asphalt and coated on both sides with SBS rubber FR modified asphalt and surfaced with ceramic granules for protection from ultraviolet degradation.

### USES

Roofing membrane in Series 200FR Specifications and flashing membrane in select TAMKO® flashing details. Easily applied by mopping in hot asphalt or approved cold adhesive†.

### ADVANTAGES

- Exceptional performance characteristics over a broad temperature range
- Excellent cold weather flexibility
- High puncture and tear resistance
- High elongation
- Minimal dead load weight
- Excellent nail pull-through characteristics
- UL Class A fire and wind rated system when installed in accordance with a UL Listed system \*
- 12 year limited material warranty\*\*

\*Not all possible systems and/or specifications are U.L. rated.

Consult U.L. Roofing Materials and Systems Directory.

\*\* See complete limited warranty at tamko.com for details

### CERTIFICATIONS

U.L. Classified Membrane for Roofing Systems

FM Approved\*\*\*

ASTM D 6164, Type I

Miami Dade County Approved

ICC-ES ESR-1013

\*\*\*Refer to FMRC Approval Guide.

### TYPICAL PHYSICAL PROPERTIES

Tensile Strength	MD = 124 LBF/IN
(@0 deg F & 0.08 in/min)	CD = 99 LBF/IN

Elongation	MD = 56%
(@0 deg F & 0.08 in/min)	CD = 58%

Strain Energy	MD = 35 IN-LB/IN <sup>2</sup>
(@0 deg F & 0.08 in/min)	CD = 29 IN-LB/IN <sup>2</sup>

Tear Strength	MD = 140 LBS
	CD = 114 LBS

Low Temp Flex	MD = -20 deg F
(PASS)	CD = -20 deg F

Tests were conducted using ASTM D 5147 test methods.



### PRODUCT DATA<sup>1</sup>

Reinforcement	180 g/m <sup>2</sup> Polyester Mat
Asphalt Modifier	SBS
Roll Weight	95 lbs (43.6kg)
Roll Size	33'11" x 39-3/8" (10.3m x 1m)
Product Thickness	145 mils
Coverage	1 square

<sup>1</sup>All values stated as nominal

**CAUTION:** This product contains oxidized asphalt. Occupational exposures to oxidized asphalt and its emissions during roofing have been classified by International Agency for Research on Cancer (IARC) as a "probable human carcinogen". Oxidized asphalt also contains Polycyclic Aromatic Hydrocarbons some of which have been classified by IARC as known or probable human carcinogens. The physical nature of this product may help limit any inhalation or dermal hazard during application and/or removal. However, physical forces such as sawing, grinding or drilling during demolition work and heating or burning may increase the inhalation or dermal exposure hazard of this product. Take precautions to prevent breathing and contact with skin.

Use of this product in "torch applied" or "hot mopped" applications may expose workers and others in the work area to oxidized asphalt and its emissions. The International Agency for Research on Cancer has classified occupational exposures to oxidized asphalt and its emissions during roofing as a "probable human carcinogen." During installation and removal of this product, including "torch applied" or "hot mopped" application, workers must take precautions to assure adequate ventilation and use effective personal protective equipment to prevent exposures to dusts, fumes, vapors and mists. It is the responsibility of the contractor and workers to protect themselves and others in the work area from exposure to oxidized asphalt and its emissions when applying this product.

tamko.com †Certain cold adhesive specifications require heat welding ("torch applied") the laps.

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