

# AWAPLAN 170

PRODUCT DATA

## Polyester Reinforced SBS Modified Roofing Membrane

### DESCRIPTION

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

### USES

Roofing membrane in Series 200 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
- Cold or hot process application
- 12 year limited material warranty
- High elongation
- Minimal dead load weight
- Superior nail pull-through characteristics

### CERTIFICATIONS

U.L. Classified Membrane for Roofing Systems  
FM Approved\*  
ASTM D 6164, Type I  
Dade County Approved  
SBCCI PST & ESI Listed

\*Refer to FMRC Approval Guide.

### TYPICAL PHYSICAL PROPERTIES

Tensile Strength MD = 147 LBF/IN  
(@0 deg F & 0.08 in/min) CD = 92 LBF/IN

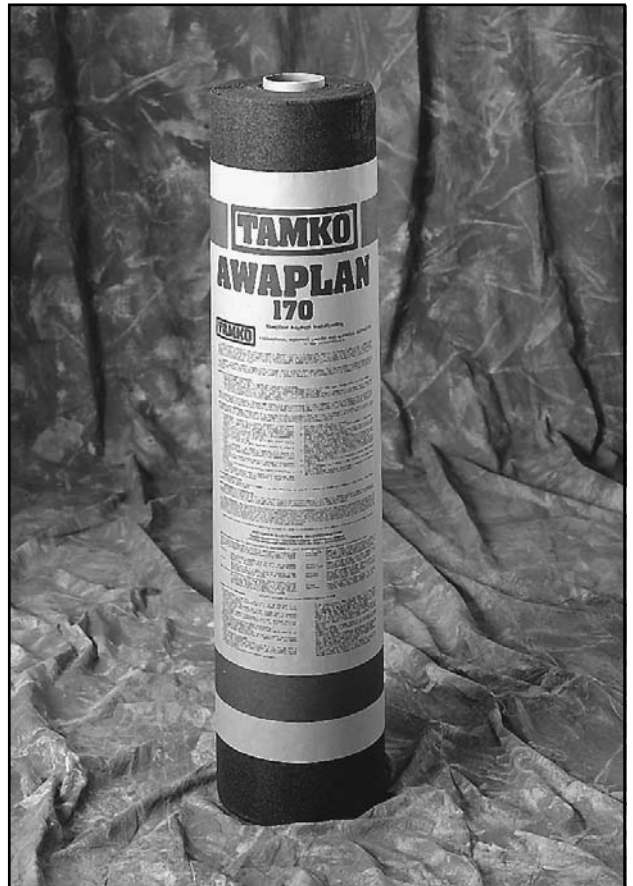
Elongation MD = 48%  
(@0 deg F & 0.08 in/min) CD = 44%

Strain Energy MD = 36 IN-LB/IN<sup>2</sup>  
(@0 deg F & 0.08 in/min) CD = 20 IN-LB/IN<sup>2</sup>

Tear Strength MD = 137 LBS  
CD = 108 LBS

Low Temp Flex MD = -15 deg F  
(PASS) CD = -15 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	94 lbs (42.2kg)
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:** The National Institute for Occupational Safety and Health (NIOSH) has concluded that fumes of heated asphalt are a potential occupational carcinogen. Apply heat to this product only when required for proper application and only in a well ventilated area. Avoid breathing the fumes, and avoid skin contact. Do not burn this product.

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