



Aussie 570 Cap Sheet FR[®]

SBS-Modified Fire-Rated Bitumen Membrane / Cap-Sheet

Product Name

AVM 570 Cap Sheet-FR[®]

By

AVM Industries, Inc.
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Product Description

AVM 570 Cap Sheet-FR[®] (fire retardant, granules) is a SBS-modified bitumen membrane approved for use in roofing assemblies as a cap ply. AVM 570 Cap Sheet-FR is reinforced with a tough, dimensionally stable, non-woven polyester mat that is saturated and coated on both sides with a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer-modified bitumen.

Where to Use

AVM 570 Cap Sheet-FR is used as a protection layer over the Aussie Membrane 570 Hot Rubber waterproofing membrane. (Hot Rubber is a hot-applied asphalt-based composition membrane applied in a liquid state to form a continuous, seamless, tough, flexible, black, fully-adhered waterproofing membrane).

Features

- SBS rubber polymer enhances the asphalt blend adding elongation, elasticity, and flexibility to the sheet
- Reinforced with a non-woven polyester mat that increases the membrane's strength and puncture resistance
- Granule surfacing provides added resistance to weathering and foot traffic
- Sanded-backside surfacing improves bonding strength between system layers
- Meets or exceeds requirements of ASTM D6164, Type I, Grade G
- UV Stable for min. of 20 years

Warranty

This item sold as component of AVM System 570, Hot Rubber. Please refer to AVM System 570 Hot Rubber Tech Data Sheets for complete warranty information.

Delivery, Storage, and Handling

- a. Delivery of all the AVM 570 CapSheet-FR to the job site must be in their original packaging, with manufacturer's name and label intact.
- b. Handle and store in accordance with printed instructions. Store rolls in an upright position to prevent damage.
- c. Store at temperatures between 50°F and 90°F. Do not store materials in direct sunlight or where they may be damaged by water or rain. Kept rolls dry!
- d. Keep all materials out of the reach of children.
- e. If irritation occurs during use, liberally flush affected areas with water. If irritation continues, see a physician immediately.

Sheet Properties

- Elastomeric bitumen – Proprietary blend of bitumen and SBS polymers
- ASTM Standard – D6164, Type I, Grade G
- Reinforcement – Non-woven polyester
- Top Surfacing – ceramic coated granules
- Back Surfacing – Sanded
- Selvage Surfacing – Sanded
- Selvage width, in (mm) – 3 (76)

Product Application

Refer to AVM System 570, Hot Rubber details and Product Manuals for installation requirements.

Availability and Cost

Contact your approved applicator or AVM's distributors for pricing and availability.

Technical Services

Technical services are available by contacting our offices at: 888.414.1041 or 818.888.0050 or visit www.avmindustries.com

System Specifications

See next page.

Typical Property Values

AVM 570 Cap Sheet-FR

Property	MD	XMD	ASTM Test methods
Peak load @ 0°F (-18°C), lbf/in (kN/m)	115 (20.1)	90 (15.8)	ASTM D5147
Elongation at peak load @ 0°F (-18°C), %	35	40	ASTM D5147
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	85 (14.9)	65 (11.4)	ASTM D5147
Elongation at peak load @ 73.4°F (23°C), %	55	60	ASTM D5147
Ultimate Elongation @ 73.4°F (23°C), %	65	80	ASTM D5147
Tear strength @ 73.4°F (23°C), lbf (N)	125 (556)	85 (378)	ASTM D5147
Low temperature flexibility, °F (°C)	-15 (-26)	-15 (-26)	ASTM D5147
Dimensional stability, %	< 0.5	< 0.5	ASTM D5147
Compound stability, °F (°C)	240 (116)	240 (116)	ASTM D5147
Granule embedment, g	1.5 avg; 2.0 max for SG	1.5 avg; 2.0 max for SG	ASTM D5147

Data is represented by average values, unless noted otherwise

Property	Value	ASTM Test Method
Length, ft (m)	32.8 (10)	D5147
Width, in (m)	39.47 (1.0)	D5147
Coverage*, ft ² (m ²)	97.9 (9.1)	D5147
Roll Weight, lb (kg)	115-120 (52.2-54.5)	D5147
Rolls per Pallet	25	D5147
Pallet weight, lb (kg)	2,925-3050 (1,328-1385)	D5147
Thickness (min), mils (mm)	150 (3.8)	D5147
Thickness (nominal), mils (mm)	157 (4.0)	D5147
Thickness (selvage), mils (mm)	130 (3.3)	D5147
Net mass per unit area, lb/100 ft ² (g/m ²)	109 (5,322)	D5147
Bottom coating thickness, mils (mm)	≥ 40 (1.0)	D5147

***Coverage rate as reported assumes installation using side and end lap recommendations**

For a complete list of details in BIM (revit), CAD or PDF, please visit our website at www.avmindustries.com.

<https://www.avmindustries.com/approvals/>

Learn more about the detailed standards our products meet for approvals by various US or International Agencies or Code Councils

<https://www.avmindustries.com/patents/>

Some features of our product or assembly may be protected under one or more US or International Patent(s)

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Quality Waterproofing Products

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