

Material meets the requirements of ASTM D 4897, Type II

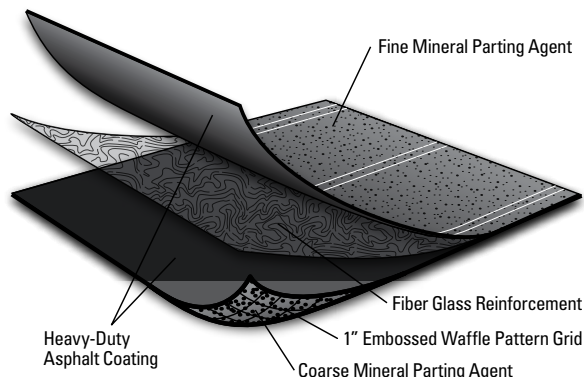
Features and Components

Ventsulation Felt may be used as a base sheet for any built up roofing or modified bitumen roofing system to be installed over a substrate that potentially contains moisture.

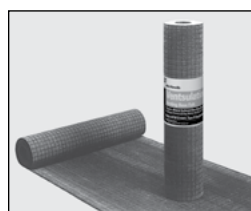
1" Embossed Waffle Pattern Grid Channels: Promotes moisture vapor venting. Helps prevent blistering of asphalt-based roofs when installed over potential moisture-containing substrates such as: Re-covers over existing roof membranes, lightweight insulating fill or gypsum decks.

Fiber Glass Reinforcement Mat: Low moisture, excellent dimensional stability and resistance to rot make it an ideal replacement for organic base sheets. Provides a solid dimensionally stable substrate for other roofing membrane components.

Surfacing: Coarse minerals on one side.



Component
M Membrane
Multi-Ply
Type
BS Base Sheet



System Compatibility *This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.*

Multi-Ply	BUR		APP		SBS			
	HA	CA	CA	HW	HA	CA	HW	SA
<i>Compatible with the selected Multi-Ply systems above</i>								

Single Ply	TPO		PVC*		EPDM		
	MF	FA	MF	FA	MF	FA	BA
<i>Compatible with the selected Single Ply systems above</i>							

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened FA = Fully Adhered BA = Ballasted

*Suitable as an intermediate ply in hot asphalt applied hybrid PVC fleece back membrane systems.

Energy and the Environment

Pre-Consumer Recycled Content	0%
Post-Consumer Recycled Content	0%

Peak Advantage® Guarantee Information

Systems	Guarantee Term
Dependent on system	Up to 30 years

*Contact JM Technical Services for specific system requirements or guarantee terms.

Codes and Approvals



Installation/Application



Mechanically Fastened

- When installing Ventsulation Felt, the embossed waffle pattern is always placed facing down and is to be in contact with the old membrane or existing deck.

- Refer to JM BUR application guides and detail drawings for instructions.

Packaging and Dimensions

Roll Size	36" x 36' (914 mm x 10.97 m)
Roll Coverage (net)	100 ft ² (9.3 m ²)
Roll Coverage (gross)	108 ft ² (10.0 m ²)
Roll Weight (nom)	68 lb (30.8 kg)

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Tested Physical Properties

Physical Properties		ASTM Test Method	Standard	Ventsulation Felt
Strength	Breaking Strength @ 73.4° F, (<i>min</i>) (lbf/in)			
	Longitudinal (with fiber grain)	D 146	≥ 44	91
	Transverse (across fiber grain)	D 146	≥ 44	49
	Pliability			
	Longitudinal (with fiber grain)	D4601	At least 8 out of 10 strips shall not crack	Pass
	Transverse (across fiber grain)	D4601	At least 8 out of 10 strips shall not crack	Pass
	Perforations (in)			
	Diameter of Spot Mopping Holes (when present)	D4897	≤ 1.0	NA
Spacing of Holes center to center (when present)	D4897	2.0 ≤ x ≤ 6.0	NA	
Performance	Net Dry Mass - Asphalt Glass Felt, (lb/100ft ²) – Individual Roll	D 228	≥ 55	61
	Mass per Area of Desaturated Glass Felt (lb/100ft ²)	D 228	≥ 1.7	2.0
	Moisture at Point of Manufacture, (<i>max</i>) (%) – As Received	D 146	≤ 1.0	0.4
	Mass of Total Unstabilized Coating, Filler, and Top Surfacing, (lb/100ft ²)	D 228	≥ 22	37.5
	Mass of Asphalt, (lb/100ft ²)	D 228	≥ 12	17
	Mass of Mineral Granules, (lb/100ft ²)	D 228	≥ 8.0	22.5
	Mass of Mineral Matter, (lb/100ft ²)	D 228	60 (<i>max</i>)	48
	Ash, (%)	D 228	70 – 88	74
	Mass Loss and Behavior on Heating			
	Mass Loss (%)	D 4601	Report	0.1
	Behavior on Heating	D 4601	There shall be no flowing, sagging, or blistering of the asphalt coating	Pass
Installation	Unrolling @ 50° F and 140° F, (pass/fail)	D 4601	No Damage	Pass

Note: NA = Not Applicable