TRICOR™ S

Premium, Fiber Glass/Polyester-Reinforced, APP Smooth Base or Ply Sheet

Meets the requirements of ASTM D 6223, Type II, Grade S

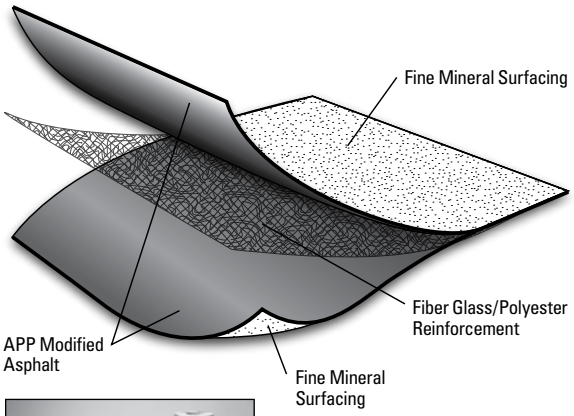
Features and Components

TRICOR S is used as a premium base or ply sheet in APP multi-ply roofing systems.

Premium APP Polymer and Asphalt Blend: Provides an extremely durable sheet with excellent weathering characteristics, flexibility and dimensional stability for ease of handling and quick installations.

Fiber Glass/Polyester Reinforcement Mat: Combines the excellent tensile strength, toughness and puncture resistance of a polyester mat with the dimensional stability and lay-flat characteristics of fiber glass.

Surfacing: Fine mineral parting agent on both sides of the sheet. Enables the product to be applied using cold adhesive or heat welding techniques.



Component: **M** Membrane — Multi-Ply

Type: **BS** Base Sheet; **PL** Ply

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
	Compatible with the selected Multi-Ply systems above							

Single Ply	TPO		PVC		EPDM		
	MF	FA	MF	FA	MF	FA	BA
	Do not use in Single Ply systems						

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

Energy and the Environment

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%

Peak Advantage® Guarantee Information

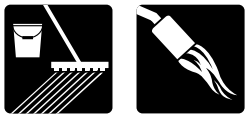
Systems	Guarantee Term
Dependent on system*	Up to 30 years

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

Codes and Approvals

- UL® Class A ratings may be obtained in numerous constructions, both new and re-roof at slopes up to 1" per foot (83 mm/m).

Product Application



Cold Applied — Heat Weld

- May be used as a base or ply in two-ply flashing systems.

Refer to JM APP modified bitumen specifications and detail drawings for application and slope information.

Packaging and Dimensions

Roll Width	39 3⁄8" (1 m)
Roll Length	32' 10" (10.01 m)
Roll Coverage*	95.8 ft² (8.9 m²)
Roll Weight	94 lb (42.6 kg)
Rolls per Pallet	20
Pallets per Truck**	24

*Assumes a 4" side lap.
** Assumes a 48' flatbed truck.

Refer to the Safe Use Instructions and product label prior to using this product. The Safe Use Instructions are available by calling (800) 922-5922 or on the Web at www.jm.com/roofing.

Johns Manville

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Tested Physical Properties

	Physical Properties		ASTM Test Method	Standard for ASTM D 6223, Type II, Grade S	TRICOR S	
					MD*	XMD**
Strength	Tear Resistance @ 73.4° F		D 4073 /5147	≥ 180 lbf	461 lbf	588 lbf
Strength	Peak Load @ 0° F		D 5147	≥ 200 lbf/in-width	384 lbf/in-width	404 lbf/in-width
Strength	Peak Load @ 73.4°	Unconditioned	D 5147	≥ 100 lbf/in-width	207 lbf/in-width	188 lbf/in-width
Strength		90 day Heat Conditioned	D 5147/5869	≥ 100 lbf/in-width	329 lbf/in-width	326 lbf/in-width
Performance	Low Temp. Flexibility @ 180° F Mandrel (Pass-Fail)	Unconditioned	D 5147	Pass @ 32° F *"none of the specimens show cracking"*	Pass	Pass
Performance		90 day Heat Conditioned	D 5147/5869		Pass	Pass
Performance	Low Temperature Unrolling (Pass-Fail) Unroll in 4-6s; Visual Inspection in "unrolled" position		D 5636	Pass @ 32° F *"none of the specimens show cracking"*	Pass	Pass
Performance	Compound Stability - 2 hr 15 min @ 230° F (Pass-Fail)		D 5147	Pass *"no failures showing signs of flowing, dripping, or drop formation"*	Pass	
Performance	Thickness		D 5147	≥ 140 mils	150 mils	
Performance	Bottom Coating Thickness		D 5147	≥ 40 mils	59 mils	
Performance	Water Absorption - water by distillation		D 5147/95	≥ 3.2 %	1.4 %	
Performance	Moisture Content - water by distillation		D 5147/95	≥ 1 %	0.2 %	
Performance	Elongation at Peak Load @ 0° F		D 5147	≥ 3 %	5 %	5 %
Performance	Elongation at Peak Load at 73.4°F	Unconditioned	D 5147	≥ 3 %	5 %	5 %
Performance		90 day Heat Conditioned	D 5147/5869	≥ 3 %	5 %	6 %
Installation	Dimensional Stability - 24 hr @ 176° F		D 5147/1204	≥ 1 %	0.2 %	< 0.1 %
Installation	Net Mass per Unit Area		D 146	≥ 75 lb/100 ft^2	92 lb/100 ft^2	

*MD = Machine Direction
**XMD = Cross-Machine Direction

Note: All data represents tested values.

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