

# Ram 307 FR (Class A)



## Fire Rated SBS Modified Elastomeric Granular Cap Sheet

### Description

Ram 307 FR is a superior SBS (Styrene-Butadiene-Styrene) modified bitumen roofing membrane with fire retardant additives, and reinforced with a non-woven polyester reinforcement that provides flexibility and dimensional stability as well as excellent tear and puncture resistance. The proprietary SBS compound offers superb waterproofing and weathering physical properties.

Ram 307 FR has a granular top surface in black or white, as well as a sand or burn-off film bottom surface. Application methods include heat welding when a film bottom surface is selected & hot asphalt or cold adhesive when the membrane is sand backed.

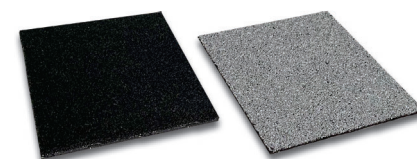


### Uses

Ram 307 FR is designed for use as a cap sheet in multi-ply systems for new roofing, reroofing & recover roofing, and flashing details.

### Coverage

100 sq ft



### Properties

Description	Measurement	Test Method
Thickness	4.0 mm	
Roll Weight (approx)	100 lbs	
Roll Dimensions	39 3/8" x 32' 9"	
Reinforcement	Non-Woven Polyester	
Bottom Side Coating	43 mils (1.1 mm)	ASTM D-5147
Peak Load at 0°F (-18°C)	MD = 138 lbf/in XMD = 88 lbf/in	ASTM D-5147
Elongation at Peak Load at 0°F (-18°C)	MD = 52% XMD = 64%	ASTM D-5147
Peak Load at 73°F (23°C)	MD = 97 lbf/in XMD = 61 lbf/in	ASTM D-5147
Elongation at Peak Load at 73°F (23°C)	MD = 60% XMD = 67%	ASTM D-5147
Ultimate Elongation at 73°F (23°C)	MD = 99% XMD = 112%	ASTM D-5147
Tear Strength at 73°F	MD = 130 lbf XMD = 80 lbf	ASTM D-5147
Low Temp. Flexibility (max)	0°F (-18°C)	ASTM D-5147
Dimensional Stability (max)	0.3%	ASTM D-5147
Compound Stability	250°F (121°C)	ASTM D-5147
Granule Embedment (avg. loss)	1.5 g/m <sup>2</sup>	ASTM D-5147



### Approvals

- Meets ASTM D 6164 Type I, Grade G
- UL Classified
- Class A Fire Rated
- Factory Mutual (FM) Approved
- ICC ESR-2018
- Texas Department of Insurance
- Miami Dade County Approved



39 3/8" x 32' 10"  
102 lbs/roll  
20 rolls/pallet

LIMITED WARRANTY: Barrett warrants its Products to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Barrett makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to The Barrett Company, LLC. Barrett to replace or to refund the purchase price of the quantity of Barrett proven to be defective, and Barrett shall not be liable for any loss or damage.

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