

SBS Granulated Bright White Cap Sheet



ITEM CODE: 370M

Description:

RUBEROID® EnergyCap™ 30 Granule FR membrane is an SBS-modified bitumen membrane manufactured to GAF specifications. Its enhanced bright white granule surfacing offers solar reflectance. Its core is a strong nonwoven glass mat that meets ASTM D6163, Type I specifications.

Uses:

RUBEROID® EnergyCap™ 30 Granule FR membrane is designed for cold-applied and hot-mopping asphalt, applied new roofing, and re-cover applications.

Advantages:

- Durability — The membrane combines the strength of fiberglass reinforcement with the elongation characteristic of SBS-modified asphalt.
- Product warranties and system guarantees are available. Contact your local sales representative for requirements, availability, and limitations. See warranties and guarantees on gaf.com for complete coverage and restrictions.

Product Application:



Storage and Handling:

To prevent damage, support rolls on end in an upright position and store in a clean dry location, covering as necessary to protect from environmental damage. Monitor environmental conditions during storage, handling, and application. Monitor environmental conditions during storage, handling, and application.

	Rated Product ID #: 0676-0163		
		Initial	Aged
	Solar Reflectance	0.67	0.59*
	Thermal Emittance	0.91	0.91*
SRI			
82			
71*			

The ratings above are subject to CRRC rating program conditions, requirements, and limitations. Visit coolroof.org for important information and disclaimers about CRRC rating conditions, requirements, and limitations.

Testings and Approvals:

- Classified by UL in accordance with ANSI/UL 790, including as component of Class A fire resistance rated roofing assemblies. Refer to UL Product iQ for specific assemblies.
- FM Approved – refer to roofnav.com for approved assemblies.
- Texas Department of Insurance Report RC-49.
- UL Evaluation Report UL ER1306-02.
- Meets or exceeds ASTM D6163 Type I, Grade G.
- For additional information, contact GAF Design Services at 1-877-423-7663 or designservices@gaf.com.



Product Specifications:

ASTM D6163 Type I, Grade G	
Roll Size*	106.6 (10.0 m ²)
Roll Length	32' 6" (10.0 m)
Roll Width	39.375" (1.0 m)
Roll Weight	100 lb. (45.6 kg)
Roll Thickness	151 mils (3.8 mm)
Rolls per Pallet	23
Full Pallet Weight	2,550 lb. (1,156.7 kg)
Reinforcement	Fiberglass
Top Side Surfacing	Bright White Granules
Bottom Side Surfacing	Sand

* Roll size as reported represents actual membrane dimensions and does not calculate installation, using side and end lap recommendations.

Physical Properties:

Property	Standard Minimum Value	GAF Value
Thickness, min. mils (mm), Grade G	95 (2.4)	151 (3.8)
Net mass/unit area, min. g/m ² (lbs/100 ft. ²)	3,173 (65)	4,150 (85)
Bottom coating thickness, heat-welding application products, min. mm (mils)	1.0 (40)	1.5 (60)
Peak load at -18 +/-2° C (0 +/-3.6° F), MD and CMD, min. before and after heat conditioning, kN/m (lbf/in.)	MD - 12.3 (70) CMD - 12.3 (70)	MD - 20.1 (115) CMD - 14.9 (85)
Elongation at -18 +/-2° C (0 +/-3.6° F), MD and CMD, min. at peak load, before and after heat conditioning, (%)	MD - 1.0 CMD - 1.0	MD - 3.5 CMD - 2.8
Peak load at 23 +/-2° C (73.4 +/-3.6° F), MD and CMD, min. before and after heat conditioning, kN/m (lbf/in.)	MD - 5.3 (30) CMD - 5.3 (30)	MD - 13.1 (75) CMD - 8.8 (50)
Elongation at 23 +/-2° C (73.4 +/-3.6° F), MD and CMD, min. at peak load, before and after heat conditioning, (%)	MD - 2.0 CMD - 2.0	MD - 4.0 CMD - 3.2
Ultimate elongation 23 +/-2° C (73.4 +/-3.6° F), MD and CMD, min. before and after heat conditioning, (%) (as manufactured)	MD - 3.0 CMD - 3.0	MD - 32.5 CMD - 35.0
Ultimate elongation 23 +/-2° C (73.4 +/-3.6° F), MD and CMD, min. before and after heat conditioning, (%) (after heat conditioning)	MD - 3.0 CMD - 3.0	MD - 5.0 CMD - 6.0
Tear strength at 23 +/-2° C (73.4 +/-3.6° F), min. N (lbf)	156 (35)	311 (70)
Low-temperature flexibility, max. before and after heat conditioning, ° C (° F)	-18 (0)	-20 (-4)
Dimensional stability, max. (%)	0.50	0.05
Compound stability at 102° C (215° F)	No Failures	No Failures
Granule embedment, max. (g)	2.0	1.66

Note: Values stated are average values and subject to normal manufacturing variation. These values are not guaranteed and are provided solely as a guide.



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