

SBS Granulated Ultra Bright White Cap Sheet



ITEM CODE: 370H

Description:

RUBEROID® EnergyCap™ 30 Granule FR membrane is an SBS-modified bitumen membrane manufactured to GAF specifications. Its enhanced ultra 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 #: 0676-0086b	Initial		Aged	
	Initial	Aged	Initial	Aged
Solar Reflectance	0.72	0.63*	0.91	0.91*
Thermal Emittance	0.91	0.91*	88	77*
SRI	88	77*		

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

*CRRC Rapid Ratings: Interim laboratory-aged values that simulate naturally aged values and will be replaced by the measured three-year naturally aged values upon completion of the weathering process.

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.
- Can be used to comply with 2022 Title 24, Part 6, Cool Roof requirements of the California Code of Regulations.
- 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	145 mils (3.7 mm)
Rolls per Pallet	25
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)	145 (3.7)
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.



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