

BUR Granulated Bright White Cap Sheet



GAFGLAS® ENERGYCAP™ Mineral-Surfaced Cap Sheet



ITEM CODE: 3407

Description:

GAFGLAS® EnergyCap™ Mineral-Surfaced Cap Sheet is a premium built-up roof (BUR) cap sheet with a bright white granule surfacing that offers solar reflectance properties.

Uses:

GAFGLAS® EnergyCap™ Mineral-Surfaced Cap Sheet is used as the surfacing ply in the application of hot-applied built-up roofs and as a top ply in flashing construction.

Advantages:

- Durability — Glass base helps resist the effects of moisture on the roof system.
- Reflectivity — GAFGLAS® EnergyCap™ Mineral-Surfaced Cap Sheet is available in a highly reflective bright white granule surfacing.
- 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:



Hot-Asphalt



Cold Applied

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.

Testing and Approvals:

- Classified by UL in accordance with ANSI/UL 790, including as a 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.
- Meets or exceeds the requirements of Texas Department of Insurance.
- Cool Roofing Rating Council Rated Product.
- Meets or exceeds ASTM D3909.
- For additional information, contact GAF Design Services at 1-877-423-7663 or designservices@gaf.com.



Product Specifications:

ASTM D3909

Roll Size*	106.6 ft. ² (9.8 m ²)
Roll Length	32' 6" (10.0 m)
Roll Width	39.375" (1.0 m)
Roll Weight	72.2 lb. (32.8 kg)
Roll Thickness	140 mils
Rolls per Pallet	30
Full Pallet Weight	2,216 lb. (1,005.2 kg)
Reinforcement	Glass-Fiber
Bottom Surfacing	Sand
Top Surfacing	Bright White Granules

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

Physical Properties:

Property	Standard Minimum	GAF Value
Average mass per roll, min. lb. (kg) with 2 in. (50-mm) selvage	68 (30.8)	69 (31.3)
Mass per unit area of granule-surfaced sheet, min. lb./100 ft. ² (g/m ²)	63.2 (3,085)	68.5 (3,344)
Mass per unit area of desaturated glass felt, min. lb./100 ft. ² (g/m ²)	1.7 (83)	1.9 (93)
Granule embedment, max. loss, g	2.00	1.66
Moisture at time of manufacture (%)	1.0	≤ 1.0
Mass per unit area of mineral matter passing a 3.35-mm (No. 6) sieve and retained on a 212 µm (No. 70) sieve, min. (lb/100 ft. ² (g/m ²))	24 (1,170)	24 (1,170)

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

	Rated Product ID #: 0676-0021d	
	Initial	Aged
Solar Reflectance	0.71	0.67*
Thermal Emittance	0.91	0.91*
SRI	87	82*

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.



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