

# BUR Bright White-Surfaced Cap Sheet



## GAFGLAS® ENERGYCAP™ GAF Mineral Surfaced Cap Sheet



ITEM CODE: 3402

### Description:

GAFGLAS® EnergyCap™ Mineral-Surfaced Cap Sheet features extra-fine mineral granules and a factory-applied layer of modified roof coating.

### 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 base flashing construction.

### Advantages:

- Durability — Glass base helps resist the effects of moisture on the roof system.
- Product warranties and system guarantees are available. Contact your local sales representative for requirements, availability, and limitations. See warranties and guarantees on [gaf.com](http://gaf.com) for complete coverage and restrictions.

### 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.

RATED PRODUCT ID #: 0676-0021B	RATED PRODUCT ID #: 0676-0021B	
	INITIAL	AGED
Solar Reflectance	0.74	0.56*
Thermal Emittance	0.90	0.90*

\* The ratings above are subject to CRRC rating program conditions, requirements, and limitations. Visit [coolroofs.org](http://coolroofs.org) for important information and disclaimers about CRRC rating conditions, requirements, and limitations.

### 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](http://roofnav.com) for approved assemblies.
- Miami-Dade County Product Control Approved.
- State of Florida Approved.
- 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](mailto:designservices@gaf.com).



### Product Specifications

ASTM D3909	
Roll Size*	106.6 ft. <sup>2</sup> (9.8 m <sup>2</sup> )
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

\*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)
Average mass per roll, min. lb. (kg) with 4 in. (100-mm) selvage	70 (31.8)	70.3 (31.9)
Mass per unit area of granule-surfaced sheet, min. lb./100 ft. <sup>2</sup> (g/m <sup>2</sup> )	68.5 (3,344)	68.5 (3,344)
MD breaking strength, lbf/in. (kN/m)	44 (5)	128 (14.4)
XMD/CD breaking strength, lbf/in. (kN/m)	44 (5)	97 (10.9)
Mass per unit area of desaturated glass felt, min. lb./100 ft. <sup>2</sup> (g/m <sup>2</sup> )	1.7 (83)	1.9 (93)
Granule embedment, max. loss, g	2.00	0.05
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. <sup>2</sup> (g/m <sup>2</sup> ))	24 (1,170)	24 (1,170)
Tear resistance lbf (N) MD	55 (244)	174.4 (775)
Tear resistance lbf (N) CMD	55 (244)	160 (711)

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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