



RUBEROID® ENERGYCAP™ TORCH GRANULE FR MEMBRANE

Description

RUBEROID® EnergyCap™ Torch Granule FR Membrane is an APP-modified bitumen membrane with a factory-applied layer of modified TOPCOAT® EnergyCote™ Elastomeric Coating applied to extra-fine mineral granules. This product is manufactured to GAF specifications. Its core is a strong non-woven polyester mat which meets ASTM D6222, Type 1 specifications.

Uses

RUBEROID® EnergyCap™ Torch Granule FR Membrane is suitable for new roofing and reroofing applications where long-term roof system performance is specified.

Advantages

- System guarantees available for up to 15 years for projects installed by contractors certified with GAF at the Master or Master Select™ levels; select system constructions available with up to 20-year guarantee coverage.¹
- Durable—RUBEROID® EnergyCap™ Torch Granule FR Membrane's polyester mat core protects against splits and tears due to its pliability and elongation characteristics. Specially formulated modified asphalt gives RUBEROID® EnergyCap™ Torch Granule FR Membrane excellent performance.
- RUBEROID® EnergyCap™ Torch Granule FR Membrane is manufactured by GAF, a company with over 125 years in the roofing business.
- RUBEROID® EnergyCap™ Torch Granule FR Membrane is available in highly reflective white only.



Applicable Standards

Meets ASTM D6222, Type I, Grade G
FM Approved*
UL Evaluation Report ER1306-02
State of Florida Approved
Texas Department of Insurance
UL Listed to ANSI/UL790 Class A, B, or C Roofing Fire Ratings**
CRRC Rated

Can be used to comply with 2019 Title 24, Part 6 Cool Roof Requirements of the California Code of Regulations.

*Refer to RoofNav.com for actual assemblies

**Refer to UL Online Certification Directory for actual assemblies

Product Specifications (approximate)²

Roll Size	1 square ³ (106.7 gross sq. ft.) (9.9 m ²)
Roll Length	32.4' (10.3 m)
Roll Width	39.5" (1.0 m)
Roll Weight	106 lb. (48.1 kg)
Product Thickness	0.160" (4 mm)
Emissivity	
Initial	0.90
Aged	0.88*
Reflectivity	
Initial	0.75
Aged	0.67*
SRI (Solar Reflective Index)	
Initial	93
Aged	81*

*Interim values based on CRRC Rapid Ratings accelerated laboratory aging

¹ Please see applicable Ruberoid Roofing System Application and Specification Manual for specific guarantee or warranty requirements.

² See applicable guarantee or warranty, available at gaf.com, for complete coverage and restrictions.

³ Values stated are approximate and subject to normal manufacturing variation. These values are not guaranteed and are provided solely as a guide.

⁴ Installed coverage will be lower and depend on quantity and width of side and end laps.

Note: The emittance and reflectance values published are those required for Title 24 compliance as listed by CRRC. For certification or other reflectance and emittance code requirements, different calculations may be used resulting in different values. EnergyCap™ products can contribute to LEED® requirements. Please contact GAF Technical Support at 1-800-766-3411 for assistance and submittal information.

This product meets or exceeds the following ASTM D6222, Type I, Grade G minimum requirements:

Property	Test Method	Value
Tensile Strength @ 0F (min), lbf/in	ASTM D5147	60
Elongation @ 0F (nom.), %	ASTM D5147	10
Low Temperature Flexibility (max.), F	ASTM D5147	32
Tear Strength (min), lbf	ASTM D5147	70
Dimensional Stability, %	ASTM D5147	0.5