

Ruberoid®  
EnergyCap™  
Torch Granule FR

Data Sheet

Updated: 1/10



*Quality You Can Trust Since 1886...  
From North America's Largest Roofing Manufacturer™*



# RUBEROID® ENERGYCAP™ TORCH GRANULE FR

### Description

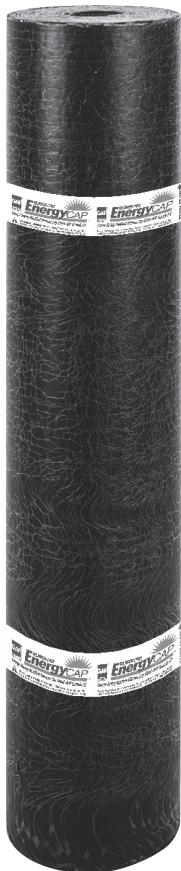
RUBEROID® EnergyCap™ Torch Granule FR membrane is fire-retarding modified bitumen membrane with a factory applied layer of TOPCOAT® EnergyCote™ elastomeric coating. EnergyCap™ Torch Granule FR is manufactured to stringent GAF Materials Corporation specifications. Its core is a strong, resilient non-woven polyester mat that is coated with fire-retardant APP polymer modified asphalt and surfaced with extra fine mineral granules and EnergyCote™ elastomeric coating.

### Uses

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

### Advantages

- Typical system guarantees available for up to 15 years, select system constructions available with up to 20 year guarantee coverage.
- Cost effective—the installed cost of RUBEROID® EnergyCap™ Torch Granule FR is much less than installing a reflective coating on top of a standard white granule membrane.
- Lightweight—installed premium roof systems weigh less than 3 pounds per square foot.
- Resilient—RUBEROID® EnergyCap™ Torch Granule FR's polyester mat core allows it to resist splits and tears due to its pliability and elongation characteristics.
- Durable—specially formulated modified asphalt gives RUBEROID® EnergyCap™ Torch Granule FR lasting performance.
- RUBEROID® EnergyCap™ Torch Granule FR membrane is backed by GAF Materials Corporation, a company with over 100 years in the roofing business.



### Advantages (Continued)

- RUBEROID® EnergyCap™ Torch Granule FR is available in high reflective brilliant white only.

### Applicable Standards

Meets ASTM D6222, Type I, Grade G
FM Approved
Meets CGSB-37-GP-56M
HUD Material Release #1216A
ICC ESR#1274
Miami-Dade County Product Control Approval
State of Florida Product Approval
Texas Department of Insurance
UI/ULc Listed
CRRC Listed
Title 24 Compliant
ENERGY STAR® Listed

### Products Specifications (nominal)

Roll Size	1 square (106.7 gross sq.ft.) (9.9m <sup>2</sup> )
Roll Length	32.4' (10.3m)
Roll Width	39.5" (1.0m)
Approx. Roll Weight	106 lbs (48.1kg)
Product Thickness	0.160" (4mm)
Initial Emissivity	.81
Initial Reflectivity	.84
SRI (Solar Reflective Index) 104	

**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 different values. All EnergyCap products meet LEED requirements. Please contact technical services 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