

RUBEROID[®] Torch Granule FR Membrane

Updated: 5/16



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



RUBEROID® ENERGYCAP™ TORCH GRANULE FR MEMBRANE

Description

RUBEROID® EnergyCap™ Torch Granule FR Membrane is a fire-retarding modified bitumen membrane with a factory-applied layer of TOPCOAT® EnergyCote™ Elastomeric Coating. RUBEROID® EnergyCap™ Torch Granule FR Membrane is manufactured to stringent GAF 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 TOPCOAT® EnergyCote™ Elastomeric Coating.

Uses

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

Advantages

- 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 Membrane is much less than installing a reflective coating on top of a standard white granule membrane.
- Light weight—Installed premium roof systems weigh less than 3 pounds per square foot (14.6 kg/m²).
- Resilient—RUBEROID® EnergyCap™ Torch Granule FR Membrane'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 Membrane lasting 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 brilliant white only.



Applicable Standards

Meets ASTM D6222, Type I, Grade G
FM Approved
HUD Material Release #1216A
ICC ESR-1274
Miami-Dade County Product Control Approved
State of Florida Approved
Texas Department of Insurance
UL/ULC Listed
CRRC Rated
This product meets the prescriptive solar reflectance and thermal emittance requirements according to the 2013 Title 24 Standards.
ENERGY STAR® Certified (U.S. Only)

Product Specifications (nominal)

Roll Size	1 square (106.7 gross sq. ft.) (9.9 m ²)
Roll Length	32.4' (10.3 m)
Roll Width	39.5" (1.0 m)
Approx. Roll Weight	106 lb (48.1 kg)
Product Thickness	0.160" (4 mm)
Emissivity	
Initial	0.81
Aged	0.82
Reflectivity	
Initial	0.84
Aged	0.70
SRI (Solar Reflective Index)	
Initial	104
Aged	84

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. 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

* See applicable guarantee for complete coverage and restrictions.