

RUBEROID® ENERGYCAP™

Mop Plus Granule FR Membrane

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



RUBEROID[®] ENERGYCAP[™] MOP PLUS GRANULE FR MEMBRANE

Formerly RUBEROID[®] EnergyCap[™] Mop FR

Description

RUBEROID[®] EnergyCap[™] Mop Plus Granule FR Membrane is a premium, heavy-duty, fire-retardant modified bitumen membrane with a factory-applied layer of TOPCOAT[®] EnergyCote[™] Elastomeric Coating. Its core is a strong, resilient non-woven polyester mat that is coated with a fire-retardant SBS polymer modified asphalt and surfaced with mineral granules.

Uses

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

Advantages

- System guarantees are available for up to 20 years.*
- Resilient—RUBEROID[®] EnergyCap[™] Mop Plus Granule FR Membrane's heavyweight 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[™] Mop Plus Granule FR Membrane lasting performance.

Advantages (continued)

- RUBEROID[®] EnergyCap[™] Mop Plus Granule FR Membrane is manufactured by GAF, a company with over 125 years in the roofing business.
- RUBEROID[®] EnergyCap[™] Mop Plus Granule FR Membrane is available in highly reflective brilliant white only.

* See applicable guarantee for complete coverage and restrictions.

Applicable Standards

Meets ASTM D6164, Type II, Grade G
FM Approved
ICC ESR-1274 Pending
UL/ULC Classified
ENERGY STAR [®] Certified (U.S. Only)

Product Specifications (nominal)

Roll Size	1 square (107.52 gross sq. ft.) (9.99 m ²)
Roll Length	32.56' (9.92 m)
Roll Width	39.625" (1.0 m)
Approx. Roll Weight	103.8 lb (47.04 kg)
Product Thickness	0.155" (3.9 mm)
Emissivity**	
Initial	0.84
Aged	0.88
Reflectivity**	
Initial	0.74
Aged	0.59
SRI (Solar Reflective Index)	
Initial	90
Aged	69

**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 GAF Technical Services at 1-800-766-3411 for assistance and submittal information.

This product meets or exceeds the following ASTM D6164, Type II, Grade G, minimum requirements:

Property	Test Method	Value
Tensile Strength @ 0°F (min), lbf/in	ASTM D5147	100
Elongation @ 0°F (min), %	ASTM D5147	20
Low Temperature Flexibility (max), °F	ASTM D5147	0
Tear Strength (min), lbf	ASTM D5147	70
Dimensional Stability, (max) %	ASTM D5147	1

