

RUBEROID® ENERGYCAP™ HW Plus Granule FR Membrane

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



RUBEROID® ENERGYCAP™ HW Plus Granule FR Membrane

Formerly RUBEROID® EnergyCap™ SBS Heat-Weld™ Plus FR

Description

RUBEROID® EnergyCap™ HW Plus Granule FR Membrane is a membrane with a factory-applied premium, heavy-duty, fire-retarding modified bitumen membrane and a factory-applied layer of TOPCOAT® EnergyCote™ Elastomeric Coating. RUBEROID® EnergyCap™ HW Plus Granule FR Membrane is manufactured to stringent GAF specifications. Its core is a strong, heavyweight, resilient non-woven polyester mat that is coated with fire-resistant SBS polymer modified asphalt and surfaced with extra-fine mineral granules and TOPCOAT® EnergyCote™ Elastomeric Coating.

Uses

RUBEROID® EnergyCap™ HW 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.*
- Cost effective—The installed cost of RUBEROID® EnergyCap™ HW Plus 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 feet (14.6 kg/m²).
- Resilient—RUBEROID® EnergyCap™ HW 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™ HW Plus Granule FR Membrane lasting performance.
- RUBEROID® EnergyCap™ HW Plus Granule FR Membrane is manufactured by GAF, a company with over 125 years in the roofing business.

Advantages (Continued)

- RUBEROID® EnergyCap™ HW 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, Types I & II, Grade G
ASTM E903, ASTM E408
ENERGY STAR® Qualified (U.S. Only)
UL/ULC Listed

Product Specifications (nominal)

Roll Size	1 square (108.1 gross sq. ft.) (10.04 m ²)
Roll Length	32.75' (9.98 m)
Roll Width	39.625" (1.0 m)
Approx. Roll Weight	108 lb (49 kg)
Product Thickness	0.165" (4.19 mm)
Emissivity*	
Initial	0.82
Aged	0.80
Reflectivity*	
Initial	0.75
Aged	0.60
SRI (Solar Reflective Index)	
Initial	91
Aged	70

* 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 D6164, Types I & II, Grade G, minimum requirements:

Property	Test Method	Value
Tensile Strength @ 0°F, (lbf/in)	ASTM D5147	100 min
Elongation @ 0°F, (%)	ASTM D5147	20 min
Low Temperature Flexibility, (°F)	ASTM D5147	0°F max (-18°C)
Tear Strength, (lbf) @ 73°F (23°C)	ASTM D5147	70 min
Dimensional Stability, (%)	ASTM D5147	1.0 max