

Ruberoid®  
EnergyCap™  
SBS Heat-Weld™ Plus FR

Data Sheet

Updated: 1/10



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



# RUBEROID® ENERGYCAP™ SBS HEAT-WELD™ PLUS FR

## Description

RUBEROID® EnergyCap™ SBS Heat-Weld™ Plus FR is a modified bitumen membrane with a factory applied premium heavy duty fire retarding modified bitumen membrane and a factory applied layer of TOPCOAT® EnergyCote™ elastomeric coating. EnergyCap™ SBS Heat-Weld™ Plus FR is manufactured to stringent GAF Materials Corporation specifications. Its core is a strong, heavy-weight, resilient non-woven polyester mat that is coated with fire resistant SBS polymer modified asphalt and surfaced with extra fine mineral granules and EnergyCote™ elastomeric coating.

## Uses

RUBEROID® EnergyCap™ SBS Heat-Weld™ Plus FR modified bitumen 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™ SBS Heat-Weld™ Plus 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 sq. ft.
- Resilient—RUBEROID® EnergyCap™ SBS Heat-Weld™ Plus FR'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™ SBS Heat-Weld™ Plus FR lasting performance

## Advantages (Continued)

- RUBEROID® EnergyCap™ SBS Heat-Weld™ Plus FR modified bitumen membrane is backed by GAF Materials Corporation, a company with over 100 years in the roofing business.
- RUBEROID® EnergyCap™ SBS Heat-Weld™ Plus FR modified bitumen membrane is available in highly reflective brilliant white only

## Applicable Standards

Meets ASTM D6164, Types I & II, Grade G
ASTM E903, ASTM E408
Title 24 Compliant, ENERGY STAR® Qualified (expected)
UL/ULc Listed

## Products Specifications (nominal)

Roll Size	1 square (108.1 gross sq.ft.) (10.04m²)
Roll Length	32.75' (9.98m)
Roll Width	39.625" (1.0m)
Approx. Roll Weight	108 lbs (49kg)
Product Thickness	0.165" (4.19mm)
Initial Emissivity*	0.82
Initial Reflectivity*	0.75
SRI (Solar Reflective Index) 91	

**Note:** The emittance and reflectance values published are those required for Title 24 compliance as listed by CRR. 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 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)	ASTM D5147	70 min
Dimensional Stability, (%)	ASTM D5147	1.0 max