

Torch-Applied Roofing (COMGN291)

Updated: 1/17



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

ROOFING ACCESSORIES

PRIMERS & SEALANTS

Roof Primers & Sealants



Matrix™ 307 Premium Asphalt Primer



M-Thane™ One-Part Pourable Sealant (white)



M-Thane™ Two-Part Sealant (black)



M-Bond™ Adhesive/Sealant

FLASHING ACCESSORIES

GAF offers factory-built flashing accessories to complement asphaltic roofing systems. They are available for use with SBS or APP smooth or granule surface, and provide a professional, clean finish to roofing jobs.



M-Weld™ Standard M-Vent™



M-Weld™ Adjustable M-Vent™



M-Weld™ One-Way Vent



M-Weld™ Drain Insert



M-Curb™ System (Available in white, black)

EXPANSION JOINT COVERS

GAF has designed the most flexible group of expansion joint covers in the industry. Metalastic® Expansion Joint Covers eliminate splice joints every 10' (3.05 m) and promote trouble-free roofing system performance. Available in four standard types.



Curb-to-Curb (CMF) Style



Curb-to-Wall (CTW) Style



Cant-to-Cant (SMF) Style



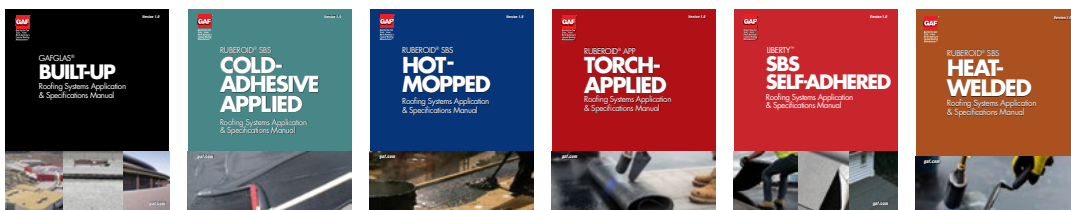
Low Cant-to-Cant (LP) Style

GAF ROOF GUARANTEE PROGRAM

GAF offers an extensive selection of roof guarantees to meet the needs of most building owners. The following guarantees are available for use with selected GAFGLAS®, RUBEROID®, and LIBERTY™ Roof Systems when installed by an eligible GAF factory-certified contractor. Contact GAF Technical Services for additional information and specific guarantee requirements.

GAF Roof Guarantee Type	Coverage	Term
All-American Pledge™ Steep- and Low-Slope Roof Guarantee	NDL	5 to 20 Years
GAF Diamond Pledge™ NDL Roof Guarantee	NDL	5 to 20 Years
GAF System Pledge™ Roof Guarantee	Specified \$ per square	5 to 20 Years
WellRoof® Guarantee Extension*	Extends Diamond Pledge™ Coverage	25% longer term
*A program that encourages property owners to utilize an annual maintenance agreement; when certain requirements are met, GAF will extend its Diamond Pledge™ NDL Guarantee by 25%. Contact Technical Services at 1-800-766-3411 for qualifying specifications and detailed information. All work must be completed by a GAF Certified Maintenance Professional (CMP). See WellRoof® Guarantee Extension for complete coverage and restrictions.		
Restoration/Extension/Limited Material Warranties and Guarantees**	Coverage	Term
Weather Stopper® Integrated System Limited Warranty	NDL	5 to 20 Years
**Contact GAF Technical Services for additional information and guarantee requirements.		

Refer to these manuals for application and systems specifications and system guarantees, available at gaf.com. For further information, contact Technical Services at 1-800-ROOF-411 (1-800-766-3411).



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TORCH-APPLIED

Roofing Systems Product Catalog



TORCH-APPLIED MODIFIED BITUMEN

Modified bitumen systems provide the features of a BUR system without the need to apply multiple plies to achieve a layered system. Modified bitumen systems are composed of a base sheet and a cap sheet that can be either granule or smooth. They were designed to reduce labor requirements for installation and have become increasingly popular over BUR system applications.

Atactic polypropylene (APP) is heat torch-applied modified bitumen membrane that provides a greater re-cover system, UV resistance, and increased durability for roofs with high-traffic movement. RUBEROID® APP membranes are designed with a strong, resilient, non-woven polyester mat at its core, coated with weather-resistant APP polymer modified asphalt. RUBEROID® EnergyCap™ membranes combine the proven performance of RUBEROID® APP membranes with TOPCOAT® EnergyCote™ Elastomeric Coating, a pre-applied, premium reflective white Elastomeric Coating for high-reflectivity specifications.

CHOOSING THE RIGHT ASPHALTIC ROOFING SYSTEM

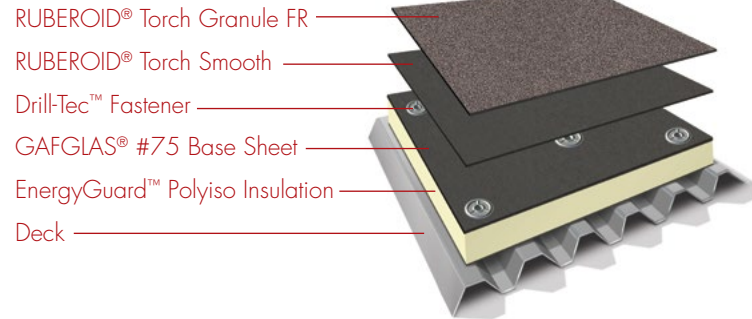
Choosing the right roofing system for an application can be complicated. There are many roof membrane options, and each property may have its own set of unique requirements. So, how do you choose the right roofing system for your property?

- = Top Performance
 - ◐ = Excellent Performance
 - ◑ = Good Performance
 - ◒ = Not Recommended
- (Ratings based on GAF estimates and contractor interviews)

	SELF ADHERED	HOT MOPPED/ COLD APPLIED		HEAT WELDED	TORCH APPLIED	BUILT-UP ROOFING
	LIBERTY™ Self-Adhered	RUBEROID® SBS Hot	RUBEROID® SBS Cold Applied	RUBEROID® SBS HW	RUBEROID® APP Torch	GAF LAR® BUR Mineral
Desired Characteristic						
Multi-Layered Membrane Protection	◑	◑	◑	◑	◑	◑
Flexes To Conform To Normal Roof Movement	◑	◑	◑	◑	◑	◑
Low Maintenance	●	●	●	●	●	●
Light Reflective For Energy Savings	◑	● ²	◑	● ²	● ²	● ²
Puncture/Leak Resistant	◑	◑	◑	◑	◑	◑
Easy To Repair After Installation	●	◑	◑	●	◑	◑
Heat Welded, Self Adhered, Torched, Cold Applied, Or Mopped Seam Strength	◑	●	●	●	●	●
Grease/Oil/Chemical Resistant ¹	◑	◑	◑	◑	◑	◑
Can Be Installed In Cool Weather	◑	◑	◑	●	◑	◑
High Heat and UV Resistance	◑	◑	◑	◑	◑	◑
Maximum Guarantee Length In Years*	20	20	20	20	20	20

*Note: For complete details, restrictions, requirements, terms, and conditions, please refer to official guarantee document and applicable GAF specification manual.

¹See applicable GAF guarantee for specific exclusions
²Requires the use of RUBEROID® EnergyCap™ Products



TYPICAL 3-PLY TORCH-APPLIED SYSTEM WITH BUR BASE SHEET AND PREMIUM APP MODIFIED BITUMEN MEMBRANES

APP MODIFIED BITUMEN PRODUCTS

	SMOOTH	GRANULE		
	RUBEROID® Torch Smooth	RUBEROID® Torch Granule	RUBEROID® EnergyCap™ Torch Granule FR	RUBEROID® Torch Plus Granule FR
Product				
Primary Application Method	Torch Applied	Torch Applied	Torch Applied	Torch Applied
Advantages	<ul style="list-style-type: none"> Designed for new roofing and re-roofing applications as well as flashings Can also be used for repairs of built-up roofing membranes or other modified bitumen systems Lightweight Polyester mat core resists splits and tears Specially formulated modified asphalt for lasting performance 	<ul style="list-style-type: none"> Designed for new roofing and re-roofing applications as well as flashings Can also be used for repairs of built-up roofing membranes or other modified bitumen systems Lightweight Polyester mat core resists splits and tears Specially formulated modified asphalt for lasting performance 	<ul style="list-style-type: none"> Designed for new roofing and re-roofing applications where long-term roof system performance is specified Available in high-reflective brilliant white only Lightweight Polyester mat core resists splits and tears Specially formulated modified asphalt for lasting performance Coated with fire retardant SBS polymer modified asphalt and surfaced with extra-fine mineral granules and EnergyCote™ elastomeric coating 	<ul style="list-style-type: none"> No coating required for Class A rating from UL and FM Wind uplift resistance Meets FM Class 1-180 when installed over concrete decks Specially formulated modified asphalt for lasting performance Resists splits and tears and provides lasting performance
ASTM	D6222, Type I, Grade S	D6222, Type I, Grade G	D6222, Type I, Grade G	D6222, Type II, Grade G
Applicable Standards	FM Approved ICC Pending Miami-Dade County Product Control Approved State of Florida Approved Texas Dept. of Insurance UL/ULC Listed	FM Approved HUD Material Release #1216A Miami-Dade County Product Control Approved UL/ULC Listed	FM Approved ICC ESR-1274 HUD Material Release #1216A Miami-Dade County Product Control Approved State of Florida Approved Texas Dept. of Insurance UL/ULC Listed CRRC Listed ENERGY STAR® certified (U.S. only)	FM Approved ICC ESR-1274 Miami-Dade County Product Control Approved State of Florida Approved Texas Dept. of Insurance UL/ULC Listed
Guarantees¹	System guarantees available for up to 20 years.	System guarantees available for up to 20 years.	System guarantees available for up to 20 years.	Guarantees are available for up to 20 years.
Product Specifications	Roll Size: 1 square (106.5 gross sq. ft.) (9.8 m ²) Roll Length: 32.25' (9.8 m) Roll Width: 39.625" (1.0 m) Approx Roll Weight: 83.2 lb. (37.74 kg) Product Thickness: 0.148" (3.8 mm)	Roll Size: 1 square (106.5 gross sq. ft.) (9.8 m ²) Roll Length: 32.3' (9.8 m) Roll Width: 39.625" (1.0 m) Approx Roll Weight: 99 lb. (44.9 kg) Product Thickness: 0.160" (4 mm)	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) SRI (Solar Reflective Index): 104 Initial Reflectivity: 0.81	Roll Size: 1 square (110.6 gross sq. ft.) (10.27 m ²) Roll Length: 33.4' (10.1 m) Roll Width: 39.375" (1.0 m) Approx Roll Weight: 101 lbs. (45.8 kg) Product Thickness: 0.145" (3.7 mm)

¹See applicable GAF guarantee for complete coverage and restrictions.



For additional product information, visit gaf.com



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