Heat-Welded Roofing (COMGN292)

Updated: 1/17



ROOFING ACCESSORIES

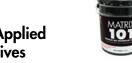
ADHESIVES, PRIMERS & SEALANTS

GAF offers a complete line of premium, asbestos-free modified adhesives and cements. Whether installing a new membrane or repairing flashings around openings and penetrations, our products offer performance that is durable and cost effective. Refer to the Technical Data Sheet for specific application usage and instructions.

Cold-Applied **Adhesives**

Patching &

Roof Primers & Sealants





Matrix[™] 101 Premium SBS Matrix™ 102 SBS Membrane Adhesive Membrane Adhesive

Repair Cement

Matrix[™] 201 Premium SBS Flashing Cement

Matrix™ 202 SBS Flashing Cement







Matrix™ 307 Premium Asphalt Primer

One-Way Vent

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



M-Thane™ Two-Part Sealant (black)



Matrix™ 204 Wet/Dry

Roof Cement

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 G	Guarantee Type	Coverage	Term	
ALL-AMBERTY PLIDGE	All-American Pledge™ Steep- and Low-Slope Roof Guarantee	NDL	5 to 20 Years	
Dismond Picige	GAF Diamond Pledge™ NDL Roof Guarantee	NDL	5 to 20 Years	
System Pledge	GAF System Pledge™ Roof Guarantee	Specified \$ per square	5 to 20 Years	
WELLROOF)	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%. Conto	
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 a	omplete coverage
and restrictions.	
una resurcirons.	

Restoration	/Extension/Limited Material Warranties and Guarantees**	Coverage	Term		
Weather Stopper. Ingrations tal Versey	Weather Stopper® Integrated System Limited Warranty	NDL	5 to 20 Years		
**Contact GAF Technical Sarvices for additional information and guarantee requirements					

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.











(Available in white, black)

EXPANSION JOINT COVERS

Matrix™ 220 Two-Part

Flashing Cement

Adhesive/Sealant

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.













Cant-to-Cant (SMF) Style

Low Cant-to-Cant (LP) Style

(CTW) Style









GAF

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

UBEROID GAF RUBEROID GAF RUBEROID GAF RUBEROID GAF RUBEROID GAF RUBEROID GAF SOLDADURA CALIENTE (HW) SOLDADURA CALIENTE (HW) HW GRANULE

WELDED

Roofing Systems Product Catalog

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).







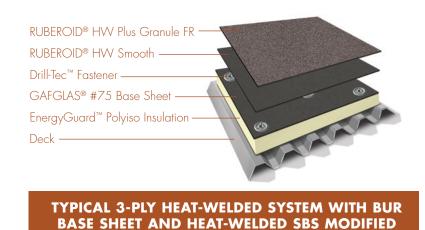


@2017 GAF 1/17 #888 • COMGN292

HEAT-WELDED 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.

Styrene Butadiene Styrene (SBS) promises increased flexibility and stronger expansion and contraction capabilities in cold weather—with the added benefit of its low maintenance. This type of membrane provides a multi-layered approach to low-slope roofing with different membranes and is applicable with hot asphalt, cold adhesive, or heat weld.



BITUMEN MEMBRANES

CHOOSING THE RIGHT ASPHALTIC ROOFING SYSTE

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?



ING SYSTEM	SELF ADHERED	HOT MOPPED/ COLD APPLIED	HEAT WELDED	TORCH APPLIED	ROOFING
Desired Characteristic	Light Live and	ilife the life con the same	elle in	HARIO	CHILIMITERS
Multi-Layered Membrane Protection	•	• •	C	•	•
Flexes To Conform To Normal Roof Movement	6	L L	6	1	•
Low Maintenance	•				•
Light Reflective For Energy Savings	1	O ²	2	• 2	• 2
Puncture/Leak Resistant	L		C	•	•
Easy To Repair After Installation	•	66		•	L
Heat Welded, Self Adhered, Torched, Cold Applied, Or Mopped Seam Strength	•	• •	•	•	•
Grease/Oil/Chemical Resistant ¹	1			L	•
Can Be Installed In Cool Weather	4	•			L
High Heat and UV Resistance	1	C C	L	L	L
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 exclusi ²Requires the use of RUBEROID® EnergyCap™ Produ

HEAT-WELDED SBS PRODUCTS

		BASE/INTERPLY SHEETS		CAP SHEETS					
		RUBEROID® HW 25 SMOOTH MEMBRANE	RUBEROID® HW SMOOTH MEMBRANE	RUBEROID® HW GRANULE MEMBRANE	RUBEROID® HW GRANULE FR MEMBRANE	RUBEROID® HW PLUS GRANULE MEMBRANE	RUBEROID® HW PLUS GRANULE FR MEMBRANE	UltraClad® SBS Foil-Faced Membrane	
	Product	TE faul morro	HALOWS AND STATE OF THE PARTY O	THE STREET OF TH	B TORRES ON BUILDING OF THE PARTY OF THE PAR	B PROPERTY STATE AND AN	A Thorne of the State Air	UTRACIAD 585	Product
_	Primary Application Method	Heat-Weld Applied	Heat-Weld Applied	Heat-Weld Applied	Heat-Weld Applied	Heat-Weld Applied	Heat-Weld Applied	Heat-Weld Applied	Primary Application Met
	Advantages	Durable base sheet combines the strength of fiberglass reinforcement with the elongation characteristics of SBS modified asphalt Lightweight and available as a smooth surface Designed for new roofing and re-covering applications as well as in the construction of flashings	Specially formulated modified asphalt gives lasting performance Resilient polyester mat core allows it to resist splits and tears due to its pliability and elongation characteristics Designed for new roofing and re-covering applications as well as in the construction of flashings	Heat welding allows for kettle-free operation Specially formulated modified asphalt gives lasting performance Resilient polyester mat core allows it to resist splits and tears due to its pliability and elongation characteristics Available with granular surface: black, white	No coatings required for Class A ratings from UL and FM Specially formulated modified asphalt gives lasting performance Resilient polyester mat core allows it to resist splits and tears due to its pliability and elongation characteristics Available with granular surface: black, white	Specially formulated poly burn-off film allows for easy installation Heat welding allows for kettle-free operation Resilient polyester mat core allows it to resist splits and tears due to its pliability and elongation characteristics Available with granular surface: black, white	No coatings required for Class A ratings from UL and FM Heat welding allows for kettle free operation Specially formulated poly burn-off film allows for easy installation Strong, non-woven polyester mat core with inherently fire-retardant polymer modified asphalt gives lasting performance Available with granular surface: black, white	Embossed metal surface provides energy-saving reflectivity and pleasing aesthetics SBS modifier provides flexibility for easy installation Used as a premium modified cap sheet in SBS modified or BUR system flashing	Advantages
	ASTM	D6163, Type I, Grade S	D6164, Type I, Grade S	D6164, Type I, Grade G	D6164, Type I, Grade G	D6164, Types I & II, Grade G	D6164, Types I & II, Grade G	D6298	ASTM
	Applicable Standards	ICC ESR #1274 Miami-Dade County Product Control Approved State of Florida Approved UL/ULc Listed	FM Approved ICC ESR #1274 Miami-Dade County Product Control Approved State of Florida Approved UL/ULc Listed	ICC ESR #1274 Miami-Dade County Product Control Approved State of Florida Approved Texas Dept. of Insurance UL/ULc Listed	FM Approved ICC ESR #1274 Meets CGSB-37-GP-56M Miami-Dade County Product Control Approved State of Florida Approved Texas Dept. of Insurance UL/ULc Listed	FM Approved ICC ESR #1274 Miami-Dade County Product Control Approved State of Florida Approved UL/ULc Listed	FM Approved ICC ESR #1274 Miami-Dade County Product Control Approved State of Florida Approved UL/ULc Listed	UL Approved for Class A,B, or C roof systems	Applicable Standards
	Guarantees'	System guarantees available for up to 20 years	System guarantees available for up to 20 years	Typical system guarantees available for up to 15 years; select system constructions available with up to 20-year guarantee coverage	Typical system guarantees available for up to 15 years; select system constructions available with up to 20-year guarantee coverage	System guarantees available for up to 20 years	System guarantees available for up to 20 years	Guarantees are available for up to 20 years	Guarantees'
	Product Specifications	Roll Size: 1.5 squares (163.75 gross sq. ft.) (15.2 m²) Roll Length: 49.2' (15 m) Roll Width: 39.375" (1.0 m) Approx Roll Weight: 105 lb. (47.6 kg)	Roll Size: 1 square (107.7 gross sq. ft.) (10.0 m²) Roll Length: 32.6' (9.9 m) Roll Width: 39.625" (1.0 m) Approx Roll Weight: 104 lb. (47.2 kg) Product Thickness: 0.165" (4.2 mm)	Roll Size: 1 square (107.7 gross sq. ft.) (10.0 m²) Roll Length: 32.6' (9.9 m) Roll Width: 39.625" (1.0 m) Approx Roll Weight: 104.4 lb. (47.4 kg) Product Thickness: 0.164" (4.17 mm)	Roll Size: 1 square (107.5 gross sq. ft.) (10.0 m²) Roll Length: 32.6' (9.9 m) Roll Width: 39.625" (1.0 m) Approx Roll Weight: 104 lb. (47.2 kg) Product Thickness: 0.161" (4.1 mm)	Roll Size: 1 square (107.7 gross sq. ft.) (10.0 m²) Roll Length: 32.6' (9.9 m) Roll Width: 39.625" (1.0 m) Approx Roll Weight: 105 lb. (47.6 kg) Product Thickness: 0.165" (4.2 mm)	Roll Size: 1 square (107.7 gross sq. ft.) (10.0 m²) Roll Length: 32.6' (9.9 m) Roll Width: 39.625" (1.0m) Approx Roll Weight: 105 lbs. (47.6 kg) Product Thickness: 0.165" (4.19 mm)	Roll Size: 1 square (110.6 gross sq. ft.) (10.27 m²) Roll Length: 33.4' (10.1 m) Roll Width: 39.375" (1.0 m) Approx Roll Weight: 101 lb. (45.8 kg) Product Thickness: 0.145" (3.7 mm)	Product Specifications

'See applicable GAF guarantee for complete coverage and restrictions.



