PRODUCTS OVERVIEW
FOR LEED® v4 PROJECTS

	LEED® v4 BD+C: NEW CONSTRUCTION APPLICABLE[1] LEED® v4 CREDITS								LBC LIVING BUILDING CHALLENGE	
	Sustainable Sites	Energy and Atmosphere		Materials and Resources				Indoor Environmental Quality	Materials Petal	
	SSc5	EAp2/EAc2	EAc5	MRc2	MRc3	MRc4	MRp2/MRc5	EQc2	LBC	LBC
	Heat Island Reduction	Min/Optimize Energy Performance	Renewable Energy Production	BPDO – Environmental Product Declarations (EPDs)	BPDO – Sourcing of Raw Materials	BPDO – Material Ingredients (HPDs+)	Construction & Demo Waste Planning/ Management	Low-Emitting Materials	Declare	Red-List Free
	Opt 1 & 2			Option 1	Option 2	Option 1	Opt 1 & 2	Opt 1 & 2	I10	I10
GAF PRODUCT LINE[2]										
07 21 00 THERMAL INSULATION – ROOFING										
EnergyGuard™ Polyiso Insulation		✓		✓ EPD: generic	✓	✓ HPD	✓			
EnergyGuard™ NH Polyiso Insulation		✓		✓ EPD: generic	✓	✓ HPD	✓		✓	✓
EnergyGuard™ NH Ultra Polyiso Insulation		✓		✓ EPD: generic	✓	✓ HPD	✓		✓	✓
EnergyGuard™ NH Barrier Polyiso Insulation		✓		✓ EPD: generic	✓	✓ HPD	✓		✓	✓
EnergyGuard™ NH Polyiso Insulated Sheathing		✓		✓ EPD: generic	✓	✓ HPD	✓		✓	✓
EnergyGuard™ NH HD Polyiso Insulation		✓		✓ EPD: generic	✓	✓ HPD	✓		✓	✓
EnergyGuard™ NH HD PLUS Polyiso Insulation		✓		✓ EPD: generic	✓	✓ HPD	✓		✓	✓
07 54 00 THERMOPLASTIC MEMBRANE ROOFING – SINGLE-PLY ROOFING										
EverGuard Extreme® TPO 50–80 mil	✓ (white)	✓ Title 24-Compliant (white)		✓ EPD: product-specific Type III	✓	✓ HPD	✓		✓	✓
EverGuard® TPO 45–80 mil[3]	✓ (std. colors; gray excluded)	✓ Title 24-Compliant (3 colors)		✓ EPD: product-specific Type III	✓	✓ HPD	✓		✓	✓
Resilient Red-List Free Adhered TPO Roofing System[3]	✓ (white)	✓ Title 24-Compliant (white)			✓	✓ HPD	✓	✓ Exempt[4] (exterior)	✓	✓
ADHESIVES, PRIMERS, CLEANERS, FASTENERS										
Drill-Tec™ Fasteners					✓	✓ HPD	✓			
EverGuard® TPO Clean Weld Conditioner						✓ HPD		✓ Exempt[4] (exterior)		
EverGuard® TPO Seam Cleaner						✓ HPD		✓ Exempt[4] (exterior)		
GAF 2-Part Adhesive						✓ HPD		✓ Exempt[4] (exterior)		
EverGuard® TPO Low-VOC Bonding Adhesive						✓ HPD		✓ Exempt[4] (exterior)		
07 72 73 VEGETATED ROOF SYSTEMS										
LiveRoof® System – GAF Vegetative Roofing	✓	✓			✓		✓			
07 31 13 ASPHALT SHINGLES										
Asphalt Shingle Roofing System[3]	✓ (Select colors)	✓ Title 24-Compliant (Timberline® Cool Series® Shingles)		✓ EPD: generic	✓		✓[5]			
Glenwood® Shingles		✓ Title 24-Compliant (Golden Prairie)		✓ EPD: generic		✓ HPD	✓[5]			
Timberline® Cool Series® Shingles[3]	✓	✓ Title 24-Compliant (Timberline® Cool Series® Shingles)		✓ EPD: generic	✓	✓ HPD	✓[5]			
Timberline HD® Reflector Series™ Shingles[3]				✓ EPD: generic		✓ HPD	✓[5]			
07 51 13 BUILT-UP ASPHALT ROOFING – LOW-SLOPE ASPHALTIC										
GAFGLAS® EnergyCap™[3,6]	✓ (White)	✓ (White)		✓ EPD: generic		✓ HPD				
Built-Up Asphalt Roofing Membrane[3,6]	✓ (Select colors)	✓ (Select colors)		✓ EPD: generic						
07 52 00 MODIFIED BITUMINOUS MEMBRANE ROOFING										
APP-Modified Bitumen Roofing Membrane[3]	✓ (Select colors)	✓ (Select colors)		✓ EPD: generic (Torch Applied)						
RUBEROID® Torch Smooth Membrane				✓ EPD: generic	✓	✓ HPD				
RUBEROID® MOP Granule	✓ (White)	✓ (White)		✓ EPD: generic	✓	✓ HPD				
SBS-Modified Bitumen Roofing Membrane: Cold Adhered[3]	✓ (Select colors)	✓ (White)		✓ EPD: generic	✓ (Select products)					
SBS-Modified Bitumen Roofing Membrane: Hot Asphalt[3,6]	✓ (Select colors)	✓ (White)		✓ EPD: generic						
07 56 00 FLUID-APPLIED ROOFING – ROOFING COATINGS										
HydroStop® PremiumCoat® FinishCoat[3]	✓ (Select colors)	✓ Title 24-Compliant (White & Cotton)				✓ HPD		✓ Exempt[4] (exterior)		
48 14 13 SOLAR ENERGY COLLECTORS										
Solar Roofing Program	✓	✓[7]	✓							
32 12 16 ASPHALT PAVING										
StreetBond® SB150 Pavement Coating[3]	✓ (All SR colors contribute)	✓ (All SR colors contribute)				✓ HPD	✓[8]	✓ Exempt[4] (exterior)		
LOW-VOC ADHESIVES										
EverGuard®, Matrix™, LRF, OlyBond500®								✓ Exempt[4] (exterior)		

[1]Products are not reviewed or certified under LEED®. LEED® credit requirements cover the performance of materials in aggregate, not the performance of individual products or brands. LEED® — an acronym for Leadership in Energy and Environmental Design™ — is a registered trademark of the U.S. Green Building Council®. USGBC® and the related logo are trademarks owned by the U.S. Green Building Council.

[2]For a complete listing of GAF roofing and pavement coating products and submittal documents for LEED® projects, visit http://gaf.ecoscorecard.com/ or transparencycatalog.com/company/gaf. **Also download the *GAF Green Building Playbook: Using GAF Products on LEED® v4 Projects* at gaf.com/green.**

[3]Additional GAF roofing and/or pavement coating colors having a lower SRI or SR value than the LEED® credit minimum may still contribute to credit achievement using the weighted compliance path. Refer to the GAF Green Building Playbook or LEED® Reference Guide under the SSc5: Heat Island Reduction credit for specifics. The SSc5 LEED® credit form can also be sourced to run sample SRI or SR scenarios using the weighted path.

[4]Exterior-applied materials are exempt from EQc2: Low-Emitting Materials credit requirements. USGBC: "The building interior is defined as everything within the waterproofing membrane. The building exterior is defined as everything outside and inclusive of the primary and secondary weatherproofing system, such as waterproofing membranes and air- and water-resistive barrier materials." Note: The exception is for LEED® for Healthcare and LEED® for Schools projects, which do have VOC requirements for exterior-applied materials.

[5]Asphalt shingle recycling programs vary by region. Visit gaf.com/green for our "Find an Asphalt Shingle Recycler" map or visit ShingleRecycling.org.

[6]This referenced product or system may employ hot asphalt in the installation process. Note that if pursuing the EQc2: Low-Emitting Materials credit, hot-mopped asphalt for LEED® for Healthcare and LEED® for Schools is prohibited.

[7]Renewable energy generated on site contributes to achieving EAc2: Optimize Energy Performance. The Prerequisite, EAp2: Minimum Energy Performance, must be achieved without accounting for onsite renewable energy.

[8]StreetBond® SB150 Coating is fully recyclable with the asphalt.

Note: OlyBond500® is a registered trademark of OMG, Inc.

Note: For LEED® Online documentation purposes, GAF products listed are considered "Enclosure" and not "Structural."

FOR SPECIFIC PRODUCT DETAILS AND TO LOCATE THE REQUIRED LEED® v4 DOCUMENTATION, VISIT: GAF.COM/GREEN

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