GreenCircle Certified, LLC

certifies that an independent, third-party evaluation has been conducted for:

GAF

North American Manufacturing Facilities[1]

EnergyGuard™ Barrier Polyiso Insulation - 0.5 to 0.9

Average Board Thickness (in)	Minimum Pre-Consumer Recycled Content	Minimum Post-Consumer Recycled Content	Minimum Total Recycled Content
0.5	3%	0%	3%
0.6	4%	0%	4%
0.7	4%	0%	4%
0.8	5%	0%	5%
0.9	5%	0%	5%

1. Can be produced at any qualified facility with similar manufacturing capabilities.

This meets the requirements of LEED v4 and v4.1: MR Credit: Sourcing of Raw Materials. This meets the requirements of LEED v5 MR Credit: Building Product Selection and Procurement.

Certification Number: 26-0833

Certification Period: November 1, 2026 - October 31, 2027

Compliant with GreenCircle Recycled Content Certification Standard Audit Plan 2.2026, GreenCircle Certification Scheme, and USGBC's LEED Rating System

Sara Risley, Certification Officer
GreenCircle Certified, LLC
155 Railroad Plaza, Royersford, PA 19468

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PRODUCT CERTIFICATION BODY

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GAF

North American Manufacturing Facilities[1]

EnergyGuard™ Barrier Polyiso Insulation - 1 to 1.9

Average Board Thickness (in)	Minimum Pre-Consumer Recycled Content	Minimum Post-Consumer Recycled Content	Minimum Total Recycled Content
1	5%	0%	5%
1.1	6%	0%	6%
1.2	6%	0%	6%
1.3	6%	0%	6%
1.4	6%	0%	6%
1.5	7%	0%	7%
1.6	7%	0%	7%
1.7	7%	0%	7%
1.8	7%	0%	7%
1.9	7%	0%	7%

1. Can be produced at any qualified facility with similar manufacturing capabilities.

This meets the requirements of LEED v4 and v4.1: MR Credit: Sourcing of Raw Materials. This meets the requirements of LEED v5 MR Credit: Building Product Selection and Procurement.

Certification Number: 26-0834

Certification Period: November 1, 2026 - October 31, 2027

Compliant with GreenCircle Recycled Content Certification Standard Audit Plan 2.2026, GreenCircle Certification Scheme, and USGBC's LEED Rating System

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North American Manufacturing Facilities[1]

EnergyGuard™ Barrier Polyiso Insulation - 2 to 2.9

Average Board Thickness (in)	Minimum Pre-Consumer Recycled Content	Minimum Post-Consumer Recycled Content	Minimum Total Recycled Content
2	7%	0%	7%
2.1	8%	0%	8%
2.2	8%	0%	8%
2.3	8%	0%	8%
2.4	8%	0%	8%
2.5	8%	0%	8%
2.6	8%	0%	8%
2.7	8%	0%	8%
2.8	9%	0%	9%
2.9	9%	0%	9%

1. Can be produced at any qualified facility with similar manufacturing capabilities.

This meets the requirements of LEED v4 and v4.1: MR Credit: Sourcing of Raw Materials. This meets the requirements of LEED v5 MR Credit: Building Product Selection and Procurement.

Certification Number: 26-0835

Certification Period: November 1, 2026 - October 31, 2027

Compliant with GreenCircle Recycled Content Certification Standard Audit Plan 2.2026, GreenCircle Certification Scheme, and USGBC's LEED Rating System

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North American Manufacturing Facilities[1]

EnergyGuard™ Barrier Polyiso Insulation - 3 to 3.9

Average Board Thickness (in)	Minimum Pre-Consumer Recycled Content	Minimum Post-Consumer Recycled Content	Minimum Total Recycled Content
3	9%	0%	9%
3.1	9%	0%	9%
3.2	9%	0%	9%
3.3	9%	0%	9%
3.4	9%	0%	9%
3.5	9%	0%	9%
3.6	9%	0%	9%
3.7	9%	0%	9%
3.8	9%	0%	9%
3.9	10%	0%	10%

1. Can be produced at any qualified facility with similar manufacturing capabilities.

This meets the requirements of LEED v4 and v4.1: MR Credit: Sourcing of Raw Materials. This meets the requirements of LEED v5 MR Credit: Building Product Selection and Procurement.

Certification Number: 26-0836

Certification Period: November 1, 2026 - October 31, 2027

Compliant with GreenCircle Recycled Content Certification Standard Audit Plan 2.2026, GreenCircle Certification Scheme, and USGBC's LEED Rating System

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certifies that an independent, third-party evaluation has been conducted for:

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North American Manufacturing Facilities[1]

EnergyGuard™ Barrier Polyiso Insulation - 4 to 4.6

Average Board Thickness (in)	Minimum Pre-Consumer Recycled Content	Minimum Post-Consumer Recycled Content	Minimum Total Recycled Content
4	10%	0%	10%
4.1	10%	0%	10%
4.2	10%	0%	10%
4.3	10%	0%	10%
4.4	10%	0%	10%
4.5	10%	0%	10%
4.6	10%	0%	10%

1. Can be produced at any qualified facility with similar manufacturing capabilities.

This meets the requirements of LEED v4 and v4.1: MR Credit: Sourcing of Raw Materials. This meets the requirements of LEED v5 MR Credit: Building Product Selection and Procurement.

Certification Number: 26-0837

Certification Period: November 1, 2026 - October 31, 2027

Compliant with GreenCircle Recycled Content Certification Standard Audit Plan 2.2026, GreenCircle Certification Scheme, and USGBC's LEED Rating System

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