

# LEED v4 & 4.1

## Materials & Resources Contributions

**ASSA ABLOY**  
Opening Solutions

Experience a safer  
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This guide outlines ASSA ABLOY Group's contributions to LEED in the Materials & Resources category.

### Credit Categories

#### MR Credit: Building Product Disclosure and Optimization (1 pt)

- Credit Requirement (Disclosure): Use at least 20 permanently installed products sourced from at least five different manufacturers with EPDs.
- Contribution: ASSA ABLOY has Type III EPDs (valued at 1.5 products each).
- Credit Requirement (Optimization): Use at least 10% by cost (or 10 products from three manufacturers) with Life Cycle Impact Reduction Action Plans (50% value) or Life Cycle Impact Reductions in Embodied Carbon (100 – 200% value based on reductions).
- Contribution: ASSA ABLOY is currently working towards having life cycle impact reductions in embodied carbon.

#### MR Credit: Building Product Disclosure and Optimization – Sourcing of Raw Materials (1 -2 pts)

- Credit Requirement: Use products sourced from at least three/five manufacturers for at least 20/40% by cost of total value of permanently installed building products (1/2 pts) with responsible sourcing and extraction criteria (Extended producer responsibility, Reused materials, Recycled content).
- Contribution: ASSA ABLOY products covered by a take-back program and/or with recycled content contribute value to this credit.

#### MR Credit: Building Product Disclosure and Optimization – Material Ingredients (1 -2 pts)

- Credit Requirement (Disclosure): Use at least 20 different permanently installed products from at least five manufacturers that use material ingredient reporting methods to at least 1000 ppm (1 pt).
- Contribution: ASSA ABLOY has products with HPDs or Declare labels and 7 third-party verified versions (worth 1.5 products each).
- Credit Requirement (Optimization): Use permanently installed products from at least three different manufacturers or 10 total products that document their material ingredient optimization.
- Contribution: ASSA ABLOY third party verified HPD/Declare Labels to 100 ppm with no GreenScreen LT-1 hazards/Red List Ingredients qualify.

#### Pilot Credit: Circular Products (1 pt)

- Credit Requirement: Use at least five permanently installed products from three manufacturers demonstrating one of the listed circular product report categories.
- Supply Chain Circularity
- Requires disclosure of what products the recycled content in products came from, currently not feasible.

#### ■ Zero Waste Manufacturing

- Requires no more than 10% of waste be sent to landfill or incineration, Norton Rixson products would qualify for this credit.

#### ■ Designed for Circularity

- Requires cradle-to-grave EPD for product and publicly available take back, re-use, disassembly, or material recovery instructions. ASSA ABLOY products with EPDs from facilities with take back programs would contribute.

#### ■ Closed Loop Products

- GreenCircle Certified Closed Loop certification, currently no products with this certification.

### Third Party Verified Products with Recycled Content



GreenCircle Certified, LLC (GCC) provides independent third-party verification to ensure products abide by their sustainability claims. GCC also develops Certified Environmental Facts® (CEF) labels which aggregate the sustainability performance metrics of products into one factsheet. ASSA ABLOY Group brands have received third-party certification from GreenCircle Certified, LLC including products from Ceco Door, Curries, Corbin Russwin, Pioneer, Medeco, Norton Rixson, Rockwood, and Sargent.

Values are representative of the given product category. For specific product series level values, please refer to recycled content values via the GreenCircle Certified Product Database: [GreenCircle Certified | Database](#)



ASSA ABLOY is a Gold Member of the USGBC, supporting the ongoing development of USGBC's mission of a prosperous and sustainable future.

## Adams Rite

Adams Rite Product	Post-consumer Recycled Content	Pre-consumer Recycled Content	Total Recycled Content Percentage
Exit Devices	66.0%	0.0%	66.0%
MS Dead Locks	51.9%	0.0%	51.9%
Dead Latches	59.7%	0.0%	59.7%
Electric Strikes	68.3%	0.0%	68.3%
Paddles	71.7%	0.0%	71.7%
Handles	72.0%	0.0%	72.0%
Trims	56.1%	0.0%	56.1%

## Ceco Door

Ceco Door Product	Post-consumer Recycled Content	Pre-consumer Recycled Content	Total Recycled Content Percentage
Frames	63.9%*	10.0%*	68.9%
Medallion, Armorshield, Fuego, ThruLite, RestrictDor, Trio HF Doors, STC Doors	63.9%*	10.0%*	68.9%
Regent/Omega, Legion/UltraDor, Imperial/Versadoor, Trio-E	62.1%*	9.7%*	66.9%
Stainless Steel Doors & Frames	80.0%	0.0%	80.0%

\* Recycled content based on Ceco Door average steel usage.

## Corbin Russwin

Corbin Russwin Product	Post-consumer Recycled Content	Pre-consumer Recycled Content	Total Recycled Content Percentage
Mortise Locks	62.1%	0.0%	62.1%
Cylindrical Lock	60.1%	0.0%	60.1%
Exit Devices	54.5%	0.0%	54.5%
Door Closers (Cast Iron)	51.0%	0.0%	51.0%
Door Closers (Aluminum)	52.0%	0.0%	52.0%

## Curries

Curries Product	Post-consumer Recycled Content*	Pre-consumer Recycled Content*	Total Recycled Content Percentage
Frames	35.4%	7.4%	39.1%
747, 757, 847, 857 Doors	35.4%	7.4%	39.1%
607, 707, 727, 737 Doors	34.3%	7.2%	37.9%
777 Doors	54.5%	8.6%	58.8%
Stainless Steel Doors & Frames	80.0%	0.0%	80.0%

\* Recycled content based on Curries average steel usage.

## Fleming

Fleming Product	Post-consumer Recycled Content*	Pre-consumer Recycled Content*	Total Recycled Content Percentage
Frames	27.1%	8.4%	31.1%
D-and E-Series Doors	26.9%	8.3%	31.1%
H-Series Doors	27.1%	8.4%	31.3%
MH-Series Doors	54.5%	8.6%	58.8%
Trio and Trio-E Series Doors	53.7%	8.6%	57.1%

\* Recycled content based on Ceco Door average steel usage.

## HES

HES Product	Post-consumer Recycled Content	Pre-consumer Recycled Content	Total Recycled Content Percentage
All HES Electro-Mechanical Locks	35.0%	0.0%	35.0%
Electric Strikes	35.0%	0.0%	35.0%

## McKinney

McKinney Product	Post-consumer Recycled Content	Pre-consumer Recycled Content	Total Recycled Content Percentage
Hinge	53.0%	0.0%	53.0%

## Medeco

Medeco Product	Post-consumer Recycled Content	Pre-consumer Recycled Content	Total Recycled Content Percentage
Medeco Original, Biaxial, and Medeco3 Mortise Cylinders	74.7%	0.0%	74.7%
Medeco Original, Biaxial, & Medeco3 Rim Cylinders	69.2%	0.0%	69.2%
Medeco Original, Biaxial, & Medeco3 32 Series LFIC	74.3%	0.0%	74.3%
Medeco Rim and Mortise LFIC Housings	74.7%	0.0%	74.7%
Medeco Original, Biaxial, and Medeco3 KIK (20-Series) Cylinders	72.9%	0.0%	72.9%
KeyMark SFIC	74.8%	0.0%	74.8%
KeyMark x4 SFIC	74.5%	0.0%	74.5%
KeyMark Rim/Mortise SFIC Housings	75.0%	0.0%	75.0%
KeyMark and KeyMark x4 Keys	75.0%	0.0%	75.0%

## Norton Rixson

Norton Product	Post-consumer Recycled Content	Pre-consumer Recycled Content	Total Recycled Content Percentage
9500 Cast Iron Closer	91.1%	0.0%	91.1%
7500/7700 Aluminum Closer	78.3%	0.0%	78.3%
8000 Aluminum Closer	80.1%	0.0%	80.1%
1600 Aluminum Closer	88.8%	0.0%	88.8%
9300BC Aluminum Closer	52.0%	0.0%	52.0%
1700BC Aluminum Closer	52.0%	0.0%	52.0%
78B/F Potbelly Closer	52.0%	0.0%	52.0%
7900 Overhead Closer	52.0%	0.0%	52.0%
2800ST Cam Closer	59.0%	0.0%	59.0%
7100SZ SafeZone	88.6%	0.0%	88.6%

## Norton Rixson

Norton Product	Post-consumer Recycled Content	Pre-consumer Recycled Content	Total Recycled Content Percentage
7200 Closer	77.0%	0.0%	77.0%
6000 Operator	72.0%	0.0%	72.0%
5700 Operator	71.9%	0.0%	71.9%
5600 Operator	82.8%	0.0%	82.8%

## Pemko

Pemko	Post-consumer Recycled Content	Pre-consumer Recycled Content	Total Recycled Content Percentage
Aluminum Thresholds	18.0%	49.0%	42.5%
Aluminum Ramps	18.0%	49.0%	42.5%
Bronze Thresholds	100.0%	0.0%	100.0%
Stainless Steel Continuous Hinges	55.0%	12.0%	61.0%
Aluminum Continuous Hinges	18.0%	49.0%	42.5%
Aluminum Sliding Track	18.0%	49.0%	42.5%
Aluminum Door Bottoms	18.0%	49.0%	42.5%
Aluminum Screw Applied Gasketing	18.0%	49.0%	42.5%
Recycled Rubber Ramp	100.0%	0.0%	100%
Silicon Gaskets	0.0%	10.0%	5%
Aluminum Astragals	18.0%	49.0%	42.5%
Steel Astragals	28.0%	5.0%	30.5%
Stainless Steel Astragals	18.0%	5.0%	20.5%
Stainless Steel Screw Applied Gasketing	18.0%	5.0%	20.5%
Lites and Louvers	55.0%	9.0%	59.5%

Markar	Post-consumer Recycled Content	Pre-consumer Recycled Content	Total Recycled Content Percentage
Stainless Steel Hinges	10.0%	80.0%	50.0%
Carbon Steel Hinges	10.0%	10.0%	15.0%
Aluminum Hinges	18.0%	49.0%	42.5%
SS Edge Guards	10.0%	80.0%	50.0%

## Pioneer

Pioneer Product	Post-consumer Recycled Content	Pre-consumer Recycled Content	Total Recycled Content Percentage
PIONEER H-HF-CH Series Hollow Metal Honeycomb Flush	15%	27%	42%
PIONEER H-HF-CH Series Hollow Metal Honeycomb with Half Glass	11%	22%	33%
PIONEER HP-HPF-CHP Series Polystyrene Core Hollow Metal Flush	15%	27%	42%
PIONEER HP-HPF-CHP Series Polystyrene Core Hollow Metal with Half Glass	11%	22%	33%
PIONEER HT-HTF-CHT Series Polyurethane Core Hollow Metal Flush	15%	27%	42%
PIONEER HT-HTF-CHT Series Polyurethane Core Hollow Metal with Half Glass	11%	21%	32%
PIONEER HR-HRF-CHR Series Doors Temperature Rise Flush	9%	16%	25%
PIONEER HR-HRF-CHR Series Doors Temperature Rise - Window Cutout 100 Square Inches or Less	6%	11%	17%
PIONEER LW (Lockseam), C and LWF (Seamless) Steel Stiffened Series Hollow Metal Flush	15%	27%	42%
PIONEER LW (Lockseam), C and LWF (Seamless) Steel Stiffened Series Hollow Metal with Half Glass	11%	22%	33%

## The Rite Door

The Rite Door	Post-consumer Recycled Content*	Pre-consumer Recycled Content**	Total Recycled Content Percentage
Rite Door-Integrated Door Assembly (steel stiffened core)	35%	7%	39%
Rite Door-Integrated Door Assembly (Honeycomb & Mineral core)	34%	7%	38%
Frames	35%	7%	39%
Exit Devices	66%	0%	66%
Handles	72%	0%	72%
SS Hinges	80%	0%	80%
Carbon Steel Hinges	58%	0%	58%
SS Edge Guards	80%	0%	80%

\*Recycled content defined in accordance with industry standards.

\*\*Pre-consumer recycled content refers to waste material that is immediately placed back into the production cycle. Waste materials generated by the production of these products are collected and shipped off site where it then reenters the recycle stream.

## Rockwood

Rockwood Product	Post-consumer Recycled Content	Pre-consumer Recycled Content	Total Recycled Content Percentage
Kick and Push Plates – Stainless Steel	56%	26%	69%
Kick and Push Plates – Brass & Bronze	90%	0%	90%
Solid Door Pulls – Stainless Steel	90%	0%	90%
Kick Plates	75.0%	0.0%	75.0%
Flush Bolts	51.0%	0.0%	51.0%
Wall Stop	68.0%	0.0%	68.0%
Floor Stop	52.0%	0.0%	52.0%
Roller Latch	50.0%	0.0%	50.0%
Dust Proof Strike	56.0%	0.0%	56.0%
Solid Door Pulls – Brass and Bronze	75%	0%	75%
Solid Door Pulls – Aluminum	10%	60%	40%
Tubular Door Pulls – Stainless Steel	75%	0%	75%
Tubular Door Pulls – Brass & Bronze	30%	0%	30%
Door Stops, Bolts and Latches – Cast Brass	75%	0%	75%
Automatic Flush Bolts & Coordinators	20%	0%	20%
Hospital Latches	56%	0%	56%
Overhead Stops and Holders	80%	0%	80%

## Sargent

Sargent Product	Post-consumer Recycled Content	Pre-consumer Recycled Content	Total Recycled Content Percentage
Mortise Locks	59%	0%	59%
Bored Locks	58%	0%	58%
Exit Devices	61%	0%	61%
Cast Iron Closers	51%	0%	51%
Aluminum Closers	52%	0%	52%
Overhead Door Stops	68%	0%	68%

## Securitron

Securitron Product	Post-consumer Recycled Content	Pre-consumer Recycled Content	Total Recycled Content Percentage
Digital Keypads	34%	0%	34%
Magnalocks	48%	0%	48%
Mortise Keyswitch	38%	0%	38%
Power Supplies	32%	0%	32%
Push Buttons	27%	0%	27%
Touch Sense Bars	68%	0%	68%
Tubular Keyswitch	31%	0%	31%
Unlatch	35%	0%	35%

## ASSA ABLOY ACCENTRA™

ASSA ABLOY ACCENTRA™ Product	Post-consumer Recycled Content	Pre-consumer Recycled Content	Total Recycled Content Percentage
4400 Aluminum Closer	78.3%	0%	78.3%
3000 Aluminum Closer	80.1%	0%	80.1%
51 Aluminum Closer	88.8%	0%	88.8%
5100BC Aluminum Closer	52%	0%	52%
1900 Potbelly Closer	52%	0%	52%
3900 Operator	71.9%	0%	71.9%
3800 Operator	82.8%	0%	82.8%
Mortise Locks	57%	0%	57%
Cylindrical Locks	66%	0%	66%
Exit Devices	56%	0%	56%
Cylinders (all types)	73%	0%	73%

## Where Are Our Products Manufactured?

ASSA ABLOY Group Brand	Product(s)	Manufacturing/ Final Assembly Location
Adams Rite	Adams Rite products	Phoenix, AZ – USA
Ceco Door <sup>+</sup>	Ceco Door products, excluding: Medallion Armorshield, Fuego RestrictDor Steel Doors ThruLite	Milan, TN – USA
	Medallion Armorshield, Fuego RestrictDor ThruLite	Valle Hermoso – Mexico
	Specialty Steel Doors	Tijuana – Mexico
Corbin Russwin	Corbin Russwin products, excluding door closers and holders	Berlin, CT – USA
	Door closers and holders	Monroe, NC – USA
Curries*	Curries products, excluding specialty steel doors	Mason City, IA – USA
	Specialty Steel Doors	Tijuana – Mexico
Fleming	Fleming products	Woodbridge, ON – Canada

ASSA ABLOY Group Brand	Product(s)	Manufacturing/ Final Assembly Location
HES	HES Hybrid Electric Strikes	Phoenix, AZ – USA
	HES Electric Strikes	
	HES Electro-Mechanical Locks	
	HES Vista Electric Strikes (excluding VS 110 & VS 110-75 series)	
McKinney	McKinney Hinges	Berlin, CT – USA Taiwan China South Korea
	McKinney Continuous Hinges	Memphis, TN – USA Ventura, CA – USA
Medeco	Medeco Original, Biaxial, and Medeco3 Mortise Cylinders	Salem, VA – USA
	Medeco Original, Biaxial, and Medeco3 Rim Cylinders	
	Medeco Original, Biaxial, and Medeco3 32 Series LFIC	
	Medeco Rim and Mortise LFIC Housings	
	Medeco Original, Biaxial, and Medeco3 KIK (20-Series) Cylinders	
	KeyMark SFIC	
	KeyMark x4 SFIC	
	KeyMark Rim/Mortise SFIC Housings	
	KeyMark and KeyMark x4 Keys	

ASSA ABLOY Group Brand	Product(s)	Manufacturing/ Final Assembly Location
Norton Rixson	Norton products, excluding: 2800ST 160 210 5900 Operator	Monroe, NC – USA
	2800ST 160 210 5900 Operator	Finland Korea Korea China
	Rixson products, excluding 608 Overhead Concealed Closers	Monroe, NC – USA
	608 Overhead Concealed Closers	Taiwan
Pemko	Pemko Products	Ventura, CA – USA Memphis, TN – USA Vancouver, BC – Canada Toronto, ON – Canada
	Markar* products	Ventura, CA – USA Carlstadt, NJ-USA
Pioneer	PIONEER H-HF-CH Series Hollow Metal Honeycomb Flush	Carlstadt, NJ-USA
	PIONEER H-HF-CH Series Hollow Metal Honeycomb with Half Glass	
	PIONEER HP-HPF-CHP Series Polystyrene Core Hollow Metal Flush	
	PIONEER HP-HPF-CHP Series Polystyrene Core Hollow Metal with Half Glass	
	PIONEER HT-HTF-CHT Series Polyurethane Core Hollow Metal Flush	
	PIONEER HT-HTF-CHT Series Polyurethane Core Hollow Metal with Half Glass	
	PIONEER HR-HRF-CHR Series Doors Temperature Rise Flush	

ASSA ABLOY Group Brand	Product(s)	Manufacturing/ Final Assembly Location
Pioneer	PIONEER HR-HRF-CHR Series Doors Temperature Rise - Window Cutout 100 Square Inches or Less	Carlstadt, NJ-USA
	PIONEER LW (Lockseam), C and LWF (Seamless) Steel Stiffened Series Hollow Metal Flush	
	PIONEER LW (Lockseam), C and LWF (Seamless) Steel Stiffened Series Hollow Metal with Half Glass	
Rockwood	Rockwood Automatic Flush Bolts and Coordinators	USA Taiwan
	Rockwood Cast Door Stops, Bolts, and Latches	Taiwan China
	Rockwood 406/409 Door Stops	China
	Rockwood Hospital Latches	China
	Rockwood Kick Plates, Push Plates, and Door Pulls	Rockwood, PA – USA
	Rockwood Overhead Stops	Taiwan
	Rockwood Small Pulls	Rockwood, PA – USA Taiwan China

ASSA ABLOY Group Brand	Product(s)	Manufacturing/ Final Assembly Location
Securitron	Securitron products, excluding: DPS Series MM15 Series Vista Series PSP Series XMS	Phoenix, AZ – USA
	Securitron DPS Series	Kimball, NE – USA
	Securitron MM15 Series	China
	Securitron Vista Series	China
	Securitron PSP Series	Taiwan
	Securitron XMS	Brossard, QC – Canada
Sargent	Sargent products, excluding: MP3000/4000 1130 Door Closer 3 Line Bored Lock 6 Line Bored Lock 6500 Bored Lock 7500 Bored Lock	New Haven, CT – USA
	MP3000/4000	Monroe, NC – USA
	1130 Door Closer	Monroe, NC – USA
	3 Line, 6 Line Bored Lock	Mexico
	6500, 7500 Bored Locks	South Korea
ASSA ABLOY ACCENTRA™	ASSA ABLOY ACCENTRA™ products, with the below listed exceptions:	Berlin, CT – USA
	4300(LN) Cylindrical Lever and Knob Locks	Spain
	4800 Interconnected Locks	Spain
	4700 Cylindrical Knob Locks	Taiwan
	4600(LN) Cylindrical Lever and Knob Locks	Korea

ASSA ABLOY Group Brand	Product(s)	Manufacturing/ Final Assembly Location
ASSA ABLOY ACCENTRA™	PD400, PD500 and PD600 Series Padlocks	Taiwan
	350 Series Deadlocks	Brazil
	D Series Deadbolts	Mexico
	Rim Locks and Deadlocks (Non 300 Series)	U.K. China
	SDA16 Door Alarms	China
	Door Closers (excluding 1100, 2700, 5800 series)	Monroe, NC – USA
	1100, 2700 and 5800 Series Door Closers	Korea
	Residential Locks – Design Elements™	China New Haven, CT – USA
	Residential Locks – YH Collection™ & New Traditions®	Mexico New Haven, CT – USA

\* Steel is traced to the point of recovery at the mill. 80% of steel used by Ceco Door comes from Decatur AL. The remaining 20% comes from Columbus, MS.

\* Components required for production may come from locations greater than 500 miles of the manufacturing plant.



The ASSA ABLOY Group is the global leader in access solutions.  
Every day, we help billions of people experience a more open world.

**ASSA ABLOY**  
Opening Solutions

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, mechanical and smart locks, access control and service.

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