



LEED v4 Information

LEEDv4 Category	Section	Bradmar Solid Plastic Partitions	Evero Natural Quartz - Geo Series	Evero Natural Quartz - Pearl Series	Lenox Plastic Lockers	Mills Powder Coated Steel Partitions	Solid Phenolic Core Partitions	Stainless Steel Partitions	Terreon Solid Surface	TerreonRE Solid Surface	Stainless Steel Washroom Accessories
Materials and Resources	Sourcing of Raw Materials (Extraction)	Henagar, AL 35978	N/A	N/A	Henagar, AL 35978	Follansbee, WV 26037	St. Jean, Quebec Canada - All stocked colors	Ghent, KY 41045 and Middletown, OH 45044	N/A	N/A	N/A
	Material Ingredients	Constructed from an advanced formula of 1" thick high density polyethylene (HDPE)	Natural quartz surface made from a blend of bio-based resin, natural quartz and other exotic minerals	Natural quartz surface made with bio-based resin, seashells and natural quartz	Constructed from an advanced formula of 1" thick high density polyethylene (HDPE)	Constructed of 22 gauge galvanized steel. Patented Permaseal™ seamless edge included to prevent rusting and is also made of steel	Composed of compressed cellulose fibers impregnated with resins. The surface laminate is fused to the resin-impregnated core. All edges are machined and finished smooth with a 15-degree beveled edge.	Constructed of 20 gauge, 300 Series stainless steel. Unique Permaseal™ seamless edge design included to prevent rusting and is also made of steel.	Contains bio-based resin with UV stabilizer, alumina tri-hydrate and mineral fillers	Contains bio-based resin with UV stabilizer, alumina tri-hydrate and mineral fillers	Constructed of 100% stainless steel
	Recycled Content	30% pre-consumer recycled content *See notes	20% pre-consumer recycled content	60% pre-consumer recycled content	30% pre-consumer recycled content *See notes	N/A	N/A	25% post-consumer recycled and 40% pre-consumer recycled content	N/A	25% pre-consumer recycled content	On average contains 60% post-consumer recycled and 20% pre-consumer recycled content
Indoor Environmental Quality	Low Emitting Materials (VOCs)	x	x	x	x	x	x	x	x	x	x
	Free of added Urea - Formaldehyde	x	x	x	x	x	x	x	x	x	x
Regional Priority	Mfg. Location	Marion, OH 43302	Menomonee Falls, WI 53051	Menomonee Falls, WI 53051	Marion, OH 43302	Marion, OH 43302	Marion, OH 43302	Marion, OH 43302	Menomonee Falls, WI 53051	Menomonee Falls, WI 53051	Germantown, WI 53022
GREENGUARD Gold Certified	Yes or No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
HPD (Health Product Declaration)	Yes or No	Coming Soon!	No	No	Yes	No	No	Coming Soon!	No	No	No
mindful MATERIALS	Yes or N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Notes	Additional Info	*100% post-consumer recycled available in Black, Charcoal and Toffee ONLY			*100% post-consumer recycled available in Black, Charcoal and Toffee ONLY						
		*100% pre-consumer recycled available in Black ONLY			*100% pre-consumer recycled available in Black ONLY						

Advisory Bulletin



BUILDING VALUE SINCE 1906

TB-88 Restroom Accessories LEED Information

LEEDv4 Requirements

Construction projects are eligible to earn LEEDv4 points if they use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least: 10% (1 point) or 20% (2 points) based on cost of the total value of all materials in the project.¹

Material Content Definition

- *Post-consumer* material is waste material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product, which can no longer be used for its intended purpose.
- *Pre-consumer* material is material diverted from the waste stream during the manufacturing process. Excluded is reutilization of materials such as rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it.

Source: U.S. Green Building Council

Bobrick Uses Over 60% Post-Consumer Recycled Content in its Stainless Steel Accessories

- The corrosion resistant steel used in Bobrick's accessories, including grab bars, recessed and surface mounted dispensers and disposal units, is Type-304 stainless steel.
- The minerals that are used in the manufacturing of stainless steel are extracted globally.
- Stainless steel material does not contain any Volatile Organic Compounds (VOCs) or Formaldehyde ingredients.
- Stainless steel is a sustainable material as it is 100% recyclable at the end of the product's life.

Bobrick Products that Contain Less than 60% of Post-Consumer Stainless Steel Recycled Content

B-2012 / B-2013 Soap Dispensers	10%
B-211 / B-2116 Hooks	20%
B-2250, B-2260, B-2280 Waste Receptacles	23-58%

¹U.S. Green Building Council website: <https://new.usgbc.org>. Accessed on June 5, 2018.

Advisory Bulletin



BUILDING VALUE SINCE 1906

TB-95 Bobrick Toilet Partition LEED Information

Leadership in Energy and Environmental Design (LEED) is a rating system developed by the United States Green Building Council ("USGBC"). It is a voluntary standard for developing environmentally responsible, low-emission and sustainable buildings. LEED is a building rating system that applies to the project. Individual products and materials used in building are not certified. Products only support the overall projects LEED rating. LEEDv4 is the most current version of LEED.

Compared to previous versions, LEEDv4 takes a more performance-based approach to design, operations and maintenance, and calls for measurable results throughout a project's life cycle. It also includes an expanded focus on materials, going beyond looking at total amount used to evaluate the impact on human health and the environment.¹

Bobrick is committed to offering products that promote a healthier and more sustainable environment. Bobrick supports the U.S. Green Building Council's effort to advance sustainability-focused practices in the building and construction industries. The products that Bobrick offers – restroom accessories and toilet partitions – typically account for a fraction of one percent^{2,3}, of the cost of a new construction project. Given the low value of toilet partitions and restroom accessories relative to the total cost of the construction project, these products will not likely make a significant (if any) contribution to LEEDv4.

Nevertheless, Bobrick is committed to providing transparency in the materials and ingredients that are in its products. In the event that the LEED points are sought for a construction project, Bobrick has made the information available in this document (for toilet partitions) and in TB-88 for restroom accessories.

LEEDv4 Applicable to Bobrick Toilet Partitions

Materials and Resources (MR) – Sourcing of Raw Material

Bobrick products may qualify under *Option 2: Leadership Extraction Practices (1 point)*. *Use products that meet at least one of the responsible extraction criteria below for at least 25%, by cost, of the total value of permanently installed building products in the project.*

- Applicable responsible extraction criteria: Recycled Content. *Recycled Content is the sum of postconsumer recycled content plus one-half the preconsumer recycled content, based on cost. Products meeting recycled content criteria are valued at 100% of their cost for the purposes of credit achievement calculation.*
 - o Recycled content varies by the material on the toilet partition order. The recycled content for Bobrick standard colors are listed in the following table.

¹U.S. Green Building Council. LEEDv4 Available Online: <https://new.usgbc.org/leed-v4>. Accessed December 13, 2017

²Design Cost Data. "DCD Square Foot Cost Analysis Office Building" (November-December 2013).

³Buildings Magazine, "Comparative Building Costs" (November 17, 2017), p. 50

continued . . .

Material	Supplier	Recycled Content	
		Post-Consumer	Pre-Consumer
High Pressure Laminate	Arborite (A5 - General Purpose)	9.9%	1.1%
	Arborite (A4 - Postforming)	13.1%	1.5%
	Formica (10 - General Purpose)	2.0%	4.3%
	Formica (12 - Postforming)	4.7%	6.4%
	Wilsonart (107 - General Purpose)	17.0%	0.0%
	Wilsonart (350 - Postforming)	22.0%	0.0%
Compact Laminate	Arborite	0.0%	12.9%
	Formica	0.0%	3.0%
	Wilsonart	0.0%	10.0%
	Fundermax	0.0%	0.0%
Solid Core Reinforced Composite (SCRC)	Trespa	0.0%	0.0%

- *For credit achievement calculation, products sourced (extracted, manufactured and purchased) within 100 miles (160 km) of the project site are valued at 200% of their base contributing cost.*
 - o Extraction Points: varies depending on the supplier of particle board, high pressure laminate, compact laminate and SCRC.
 - o Bobrick Manufacturing Locations: Clifton Park, NY 12065; North Hollywood, CA 91605; Jackson, TN 38301

Leed v4 Credit Information

Building Product Disclosure and Optimization – Sourcing of Raw Materials

Hadrian products can contribute toward Option 2. Leadership Extraction Practices (1 Point)

Use products that meet at least one of the responsible extraction criteria below for at least 25%, by cost, of the total value of permanently installed building products in the project.

- Recycled content. Recycled content is the sum of post-consumer recycled content plus one half the Pre-consumer recycled content, based on cost. Products meeting recycled content criteria are valued at 100% of their cost for the purposes of credit achievement calculation.

For credit achievement calculation, products sourced (extracted, manufactured, and purchased) within 100 miles (160 km) of the project site are valued at 200% of their base contributing cost. For credit achievement calculation, the base contributing cost of individual products compliant with multiple responsible extraction criteria is not permitted to exceed 100% its total actual cost (before regional multipliers) and double counting of single product components compliant with multiple responsible extraction criteria is not permitted and in no case is a product permitted to contribute more than 200% of its total actual cost.

Hadrian's Recycled Content Documentation

LEED CATEGORY	DESCRIPTION	POWDER COATED TOILET PARTITIONS	STAINLESS STEEL TOILET PARTITIONS	SOLID PLASTIC TOILET PARTITIONS	LOCKERS BOOT RACKS
				CLASS B	
Recycled Content	Post-consumer	36%	76%	0%	36%
	Pre-consumer	14%	15%	Minimum of 30%	14%
	In addition to the recycled content of the material above, the honeycomb core of powder coated toilet partitions, stainless steel toilet partitions and lockers contains 9% post-consumer and 9% pre-consumer recycled content.				
	Product Weight Distribution	92% Steel 8% Honeycomb	92% Steel 8% Honeycomb	N/A	99% Steel 1% Honeycomb
Regional Materials	Manufacturing/ Final assembly location	Burlington, ON	Burlington, ON	Mentor, OH	Calgary, AB
	Material extraction / harvest location	Material extraction / harvest locations are not available.			

Hadrian's packaging materials (hardware boxes and locker end-caps) are made from 100% recycled material and our triple-ply, corrugated shipping container (USA) is 100% recyclable.

VOLATILE ORGANIC COMPOUNDS (VOCs)

Hadrian products (metal and solid plastic) do not emit volatile organic compounds. Our powder coating process utilizes environmentally friendly technology as there is virtually no waste, energy consumption is low, and there are no solvent emissions.

UREA FORMALDEHYDE

Hadrian products do not contain urea formaldehyde.

Building Product Disclosure and Optimization – Material Ingredients

Option 1. Leadership Extraction Practices (1 Point)

Use at least 20 different permanently installed products from at least five different manufacturers that use any of the following programs to demonstrate the chemical inventory of the product to at least 0.1% (1,000 ppm).

- Health Product Declaration. The end-use product has a published, complete Health Product Declaration with full disclosure of known hazards in compliance with the Health Product Declaration Open Standard.

Hadrian's Contribution – Hadrian is working toward a Health Product Declaration (HPD). Release date TBA.



LEED Certification Information

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System® is an internationally recognized certification system that encourages and accelerates global adoption for developing environmentally responsible, low emission, high performance, sustainable buildings. Created by the U.S. Green Building Council (USGBC), LEED provides building owners and operators with the tools they need to have an immediate and measurable impact to their buildings' performance. The most common applied-for certification version is LEED-NC (New Construction and major renovations).

Individual materials and products used in buildings are not certified. The certification process applies to the entire construction project with "points" being earned toward becoming certified. The categories where points can accumulate for All American Metal products are listed below and outlined in the following chart.

Recycled Content: LEED V2.2 awards points for buildings that contain recycled, salvaged, reused, or refurbished materials, with points awarded as a function of the total building material weights (10% = 1 point, 20% = 2 points). Credit is based on the sum of post-consumer recycled material + ½ of post-industrial recycled material. This contributes to Credits 4.1 & 4.2 of the "Materials & Resources" area.

Local Regional Materials: LEED V2.1 awards 1 point if 20% of the building materials are manufactured (final assembly) regionally within 500 miles of the project site. This contributes to Credit 5.1 of the "Materials & Resources" area.

Rapidly Renewable Materials: LEED V2.2 awards 1 point if 2.5% of the total value, based on cost, of all building materials used are derived from plants that are harvested within a ten-year cycle or shorter. This contributes to Credit 6.0 of the "Materials & Resources" area.

Certified Wood Materials: LEED V2.2 awards 1 point if a minimum of 50% of wood based materials certified are in accordance with Forest Stewardship Council (FSC) Guidelines. This contributes to Credit 7.0 of the "Materials & Resources" area.

Low Emitting Materials: LEED V2.2 awards 1 point (Credits 4.1 and 4.2 of "Indoor Environmental Quality" area) if the VOC content is less than the current limits specified in SCAQMD Rule #1168 (adhesives) and Green Seal Standard GS-11 (paint), and 1 point (Credit EQ 4.4) if the composite wood and agri-fiber products contain no added urea-formaldehyde resins.

AAMCO

ALL AMERICAN METAL CORP.

ALL AMERICAN METAL products qualify for LEED Certification points as follows:

LEED Category	Section & Points	Description	Powder Coated Steel	Stainless Steel	Plastic Laminate	Phenolic	Solid Plastic (HDPE)
<i>Recycled Content</i>	MR 4.1 (1)	Post Consumer	51%	23%	-	-	- *
	MR 4.2 (1)	Post Industrial	26%	45%	24%	21%	30%
<i>Local / Regional Materials</i>	MR 5.1 (1)	Final Assembly Point	Freeport, NY 11520				
<i>Rapidly Renewable Materials</i>	MR 6.0 (1)	Content	2%	2%	48%	65%	-
<i>Certified Wood</i>	MR 7.1 (1)	FSC -Certified	-	-	91%	-	-
<i>Low Emitting Materials</i>	EQ 4.1 (1) EQ 4.2 (1)	VOC Content of Adhesives/ Paint Below Defined Limits	Yes- Adhesives Yes- Paint	Yes- Adhesives	Yes- Adhesives	N/A	N/A
	EQ 4.4 (1)	Free of Added Urea-Formaldehyde Resins	Yes	Yes	Yes	Yes	Yes
		GREENGUARD Certified	No	No	Yes	Yes	No

* 100% Post Consumer Available



95 State Street, Westbury, NY 11590 – Ph: 516-333-2600 – Fax: 516-333-2618 – www.metpar.com

LEED Information Statement

We are committed to environmentally based, responsible practices in the manufacture of our line of Toilet Partitions and related products. To that end, we are proud to publish the following information on how our various products qualify for LEED Certification points.

The LEED (Leadership in Energy and Environmental Design) Green Building Rating System[®] is a voluntary standard for developing environmentally responsible, low emission, high-performance, sustainable buildings. It was developed by the U.S. Green Building Council, under contract with the US Department of Energy.

Individual materials and products used in Buildings are not certified. The certification process is for the entire construction project. Building products can only contribute to earning points in various categories. The project earns “points” towards becoming certified. The categories where points can accumulate for Metpar products are listed on the chart below. LEED provides a complete framework for assessing building performance and meeting sustainability goals. Based on well-founded scientific standards, LEED emphasizes state-of-the-art strategies for sustainable site development. Using the point based system, building owners can measure their success in environmental stewardship. USGBC has developed several “products” – LEED-NC (New Construction), LEED-EB (Existing Building), LEED-CI (Commercial Interiors) and LEED for schools.

The categories where points can accumulate for our products are as follows:

Recycled Content: LEED V3.0 awards points for buildings that contain recycled, salvaged, reused, or refurbished materials, with points awarded as a function of the total building material weights (10% = 1 point, 20% = 2 points). Credit is based on the sum of post-consumer recycled material + ½ of post-industrial recycled material. This contributes to Credits 4.1 & 4.2 of the “Materials & Resources” area.

Local Regional Materials: LEED V3.0 awards 1 point if 20% of the building materials are manufactured (final assembly) regionally within 500 miles of the project site. This contributes to Credit 5.1 of the “Materials & Resources” area.

Rapidly Renewable Materials: LEED V3.0 awards 1 point if 2.5% of the total value, based on cost, of all building materials used are derived from plants that are harvested within a ten-year cycle or shorter. This contributes to Credit 6.0 of the “Materials & Resources” area.

Certified Wood Materials: LEED V3.0 awards 1 point if a minimum of 50% of wood based materials certified in accordance with Forest Stewardship Council (FSC) Guidelines. This contributes to Credit 7.0 of the “Materials & Resources” area.

Low Emitting Materials: LEED V3.0 awards 1 point (Credits 4.1 and 4.2 of “Indoor Environmental Quality” area) if the VOC content is less than the current limits specified in SCAQMD Rule #1168 (adhesives) and Green Seal Standard GS-11 (paint), and 1 point (Credit EQ 4.4) if the composite wood and agri-fiber products contain no added urea-formaldehyde resins. Furthermore, to the best of our knowledge as indicated by our vendors, materials used by us including but not limited to Plastic Laminate, Solid Phenolic, Polly SPR, plywood and #606 adhesives contain no added urea-formaldehyde resins.

Metpar/Sanymetal products qualify for LEED Version 3.0 (2009) Certification points as follows:

LEED Category	Sections & Points	Description	Powder Coated Steel	Dur-A-Tex™	Stainless Steel	Polly® SPR aka Solid Plastic or HDPE	Phenolic	Plastic Laminate
Recycled Content	MR 4.1 (1)	Post Consumer	35%	35%	25%	-	-	-
	MR 4.2 (1)	Post Industrial	20%	20%	35%	25 - 70% Optional 100%	3%	Particle Board Core 90%
Local/Regional Materials	MR 5.1 (1)	Final Assembly Point	Westbury, NY 11590					
Rapidly Renewable Materials	MR 6.0 (1)	Content	Honey Cell Core 95%	Honey Cell Core 95%	Honey Cell Core 95%	-	-	-
Certified Wood	MR 7.0 (1)	FSC - Certified	-	-	-	-	-	-
Low Emitting Materials	EQ 4.1 (1) EQ 4.2 (1)	VOC Content of Adhesives/Paint Below Defined Limits	Adesive - Yes Paint - Yes	Adesive - Yes Paint - Yes	Adhesive - Yes	N/A	N/A	Adhesive - Yes
		Free of Added Urea - Formaldehyde Resins	Yes	Yes	Yes	Yes	Yes	Laminate - Yes
	EQ 4.4 (1)	GREENGUARD Certified	No	No	No	No	Yes	Laminate - Yes

Additional information and resources can be found on the following websites:

The US Green Building Council www.usgbc.org

Building Green Inc. www.buildinggreen.com

Whole Building Design Guide www.wbdg.org

Interior Design Educators Council www.idec.org

Green Building Initiative www.thegbi.org

Powered Green LLC www.poweredgreen.com



Guide to LEED v4 Credits

When you choose Scranton Products sustainable materials for your restrooms, lockers and other applications, you are supporting a healthier environment. Scranton Products High Density Polyethylene (HDPE) reduces environmental impact and offers both initial and long-term improvements to the indoor air quality of your projects.

Incorporating Scranton Products HDPE sustainable materials can contribute points toward LEED v4 certification in the following categories:

Material & Resources

- Recycled Content
- REACH Optimization
- Construction Waste Diversion

Indoor Air Quality

- Low Emitting Materials
- Interior Lighting - Surface
- Reflectance

Material & Resources

LEED v4 Credit Information - Building Product Disclosure and Optimization - Sourcing of Raw Materials

Option 2. Leadership Extraction Practices (1 point)

Use products that meet at least one of the responsible extraction criteria below for at least 25%, by cost, of the total value of permanently installed building products in the project.

Recycled Content. Recycled content is the sum of post-consumer recycled content plus one-half the pre-consumer recycled content, based on cost. Products meeting recycled content criteria are valued at 100% of their cost for the purposes of credit achievement calculation.

How Scranton Products Contributes to LEED v4 Recycled Content Credit

Scranton Products uses factory responsible recycling to incorporate between 30 and 85% recycled content in each product. This recycled content is made up of both post-consumer and pre-consumer materials. Refer to the charts below for recycled content by color for HDPE Solid Plastic Bathroom Partitions and Lockers made by Scranton Products.

Guide to LEED v4 Credits

Post-Consumer & Pre-Consumer Recycled Content

Scranton Products Bathroom Partitions

Color	Hiny Hiders			
	Standard		Fire-Rated	
	Post	Pre	Post	Pre
Black	0%	85%	0%	25%
Blueberry	35%	35%	0%	25%
Bronze	30%	10%	0%	25%
Burgundy	10%	40%		
Charcoal Grey	35%	35%	0%	25%
Concrete	10%	20%		
Desert Beige	35%	5%	0%	25%
Fossil	20%	10%		
Glacier Grey	0%	40%		
French Blue				
Grey	35%	15%	0%	25%
Hunter Green	20%	30%		
Linen	10%	30%	0%	25%
Mahogany	10%	20%		
Mocha	20%	20%	0%	25%
Nickel	30%	10%	0%	25%
Paisley	0%	70%	0%	25%
Sandcastle	10%	30%		
Sandstone	10%	30%		
Shale	20%	30%		
Stainless Steel	20%	20%	0%	25%
White	0%	30%		

Scranton Products Lockers

Color	Tufftec		Duralife	
	Post	Pre	Post	Pre
Black	50%	30%	50%	0%
Blueberry	50%	30%	50%	0%
Burgundy	50%	20%	50%	0%
Charcoal Grey	50%	30%	50%	0%
Desert Beige	50%	15%	50%	0%
Fossil			50%	0%
Glacier Grey	50%	15%	50%	0%
Grey	50%	20%	50%	0%
Hunter Green	50%	20%	50%	0%
Red			50%	0%
Royal Blue			50%	0%
Sandcastle	50%	15%	50%	0%
Steel Blue			50%	0%
Violet			50%	0%
Yellow			50%	0%

SP-07

Guide to LEED v4 Credits

LEED v4 Credit Information - Building Product Disclosure and Optimization - Material Ingredients

Option 2. Material Ingredient Optimization (1 point)

Use products that document their material ingredient optimization using the paths below for at least 25%, by cost, of the total value of permanently installed products in the project.

International Alternative Compliance Path – REACH Optimization. End use products and materials that do not contain substances that meet REACH criteria for substances of very high concern. If the product contains no ingredients listed on the REACH Authorization or Candidate list, value at 100% of cost.

How Scranton Products Contributes to LEED v4 REACH Optimization

The solid plastic sheet material used to construct Scranton Products bathroom partitions and lockers is not manufactured or formulated above the 0.1% threshold, with any of the 161 Substances of Very High Concern (SVHC) listed in the candidate list that is current as of the effective date of December 17, 2014 (<http://echa.europa.eu/web/guest/candidate-list-table>).

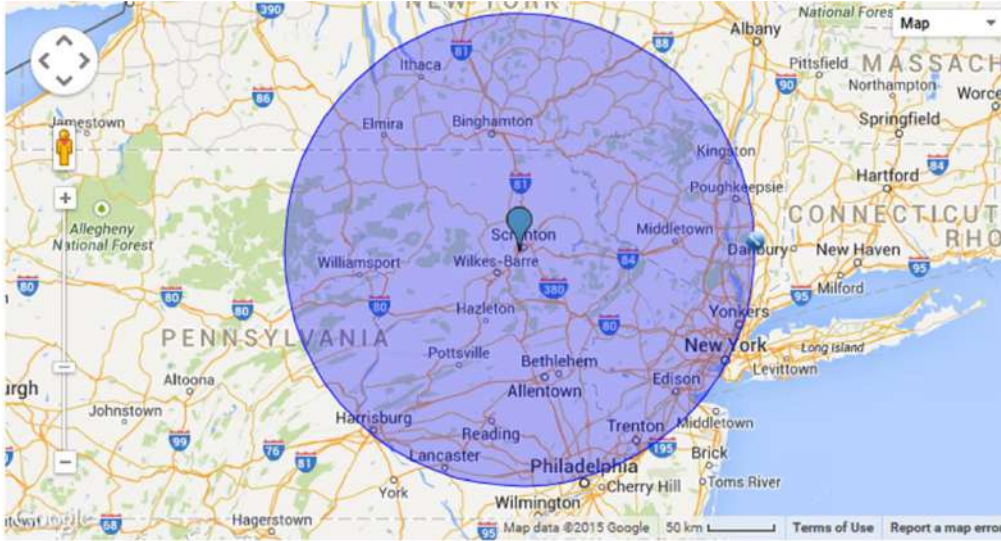
LEED v4 Credit Information – Building Product Disclosure and Optimization - Local Sourcing

For Building Product Disclosure and Optimization credit achievement calculation (Recycled Content and REACH Optimization), products sourced (extracted, manufactured, and purchased) within 100 miles (160 km) of the project site are valued at 200% of their base contributing cost.

How Scranton Products Contributes to LEED v4 Local Sourcing

Below is a map showing a 100 mile radius from Scranton Products manufacturing location at 801 East Corey Street, Scranton, PA 18505.

Guide to LEED v4 Credits



LEED v4 Credit Information - Construction and demolition waste management

Recycle and/or salvage nonhazardous construction and demolition materials. Calculations can be by weight or volume but must be consistent throughout.

Option 1. diversion (1-2 points)

Path 1. divert 50% and three material streams (1 point)

Divert at least 50% of the total construction and demolition material; diverted materials must include at least three material streams.

Path 2. divert 75% and four material streams (2 points)

Divert at least 75% of the total construction and demolition material; diverted materials must include at least four material streams.

Option 2. reduction of total waste material (2 points)

Do not generate more than 2.5 pounds of construction waste per square foot (12.2 kilograms of waste per square meter) of the building's floor area.

Guide to LEED v4 Credits

How Scranton Products Contributes to LEED v4 Construction Waste Diversion

Scranton Products HDPE solid plastic products are 100% recyclable. Scranton Products offers a program by which all unwanted solid plastic articles we manufacture can be returned for recycling. Please contact a customer service agent for more information.

Indoor Environmental Quality

LEED v4 Credit Information - Low Emitting Materials

Furniture evaluation. New furniture and furnishing items must be tested in accordance with ANSI/BIFMA Standard Method M7.1–2011. Comply with ANSI/BIFMA e3-2011 Furniture Sustainability Standard, Sections 7.6.1 and 7.6.2, using either the concentration modeling approach or the emissions factor approach. Model the test results using the open plan, private office, or seating scenario in ANSI/BIFMA M7.1, as appropriate. USGBC-approved equivalent testing methodologies and contaminant thresholds are also acceptable. For classroom furniture, use the standard school classroom model in CDPH Standard Method v1.1. Documentation submitted for furniture must indicate the modeling scenario used to determine compliance.

Salvaged and reused furniture more than one year old at the time of use is considered compliant, provided it meets the requirements for any site-applied paints, coatings, adhesives, and sealants.

How Scranton Products Contributes to LEED v4 Low Emitting Materials

Scranton Products solid plastic bathroom partitions and lockers are GREENGUARD Gold certified. Please click on the link below to download GREENGUARD certification documents <http://productguide.ulenvironment.com/SearchResults.aspx?BrandID=1033>. In addition, Scranton Products solid plastic HDPE products do not require any site-applied paints, coatings, adhesives or sealants. Power-washable and steam cleanable means harmful chemical cleaners are not needed.

LEED v4 Credit Information - Interior lighting

Guide to LEED v4 Credits

Option 2. Lighting quality (1 point)

Choose four out of seven strategies.

- E. For 90% of the regularly occupied floor area, meet the following thresholds for area-weighted average surface reflectance: 85% for ceilings, 60% for walls, and 25% for floors.
- F. If furniture is included in the scope of work, select furniture finishes to meet the following thresholds for area-weighted average surface reflectance: 45% for work surfaces, and 50% for movable partitions.
- G. For 75% of the regularly occupied floor area, meet ratio of average wall surface illuminance

(excluding fenestration) to average work plane (or surface, if defined) illuminance that does not exceed 1:10. Must also meet strategy E, strategy F, or demonstrate area-weighted surface reflectance of 60% for walls.

Color Selection	LRV	Partitions	Tufftec	Duralife
Black	4	●	●	●
Blueberry	6	●	●	●
Bluestone	32	●		
Bronze	22	●		
Burgundy	8	●	●	●
Charcoal Grey	15	●	●	●
Chestnut	8	●		
Concrete	36	●		
Desert Beige	40	●	●	●
Fossil	24	●		●
Glacier Grey	72	●	●	●
Gravel	35	●		
Grey	33	●	●	●
Hunter Green	7	●	●	●
Linen	63	●		
Mahogany	5	●		
Mocha	31	●		
Nickel	30	●		
Onyx	5	●		
Paisley	4	●		
Parchment	54	●		
Red	11			●
Royal Blue	7			●
Sandcastle	50	●	●	●
Sandstone	44	●		
Shale	11	●		
Stainless Steel	31	●		
Steel Blue	28			●
Storm	11	●		
Titanium	33	●		
Violet	9			●
White	87	●		
Yellow	49			●

How Scranton Products Contributes to LEED v4 Interior Lighting

Scranton Products offers several colors with a surface reflectance greater than 50% as measured using Light Reflectance Value (LRV).

SP-07 Rev. 03022015



The LEED (Leadership in Energy and Environmental Design) Green Building Rating System® is a voluntary standard for developing environmentally responsible, low emission, high-performance, sustainable buildings. It was developed by the U.S. Green Building Council, under contract with the US Department of Energy.

Individual materials and products used in buildings are not certified. The Version 4.1 certification process is for the entire construction project. The project earns “points” towards becoming certified. The categories where points can accumulate for ASI Global Partitions products are as follows:

Sourcing of Raw Materials: LEED V4.1 awards points for buildings that contain recycled, salvaged, reused, or refurbished materials, with points awarded as a function of amount of different manufacturers and sourcing and extraction criteria by cost (3 manufacturers and 20% cost = 1 point, 5 manufacturers and 40% cost = 2 points). Credit is based on the sum of post-consumer recycled material + ½ of post-industrial recycled material. This contributes to Recycled Content credit from “Materials and Resources”.

- For credit achievement calculation, products sourced (extracted, manufactured, purchased) within 100 miles (160 km) of the project site are valued at twice their base contributing cost (or number of products), up to a maximum of 200% of cost, or 2 products.

ASI Global Partitions products qualify for LEED Certification points as follows:

LEED Category	Points	Description	Powder Coated Steel	Stainless Steel	Solid Polymer (HDPE)	Phenolic (black core)	Phenolic (Color - Thru)	Plastic Laminate
Sourcing of Raw Materials	1 – 2	Post-Consumer	64%	43.5%	0%	0%	0%	1.1%
		Post Industrial/Pre-Consumer	7%	10%	33%	12%	12%	78.8%
Materials and Resources		Final Assembly Point	Eastanollee, GA 30538					



The following shows the category and possible LEED certification points that may be earned through the use of General Partitions various product options.

LEED CATEGORY	SECTION & POINTS	DESCRIPTION	POWDER COATED STEEL	STAINLESS STEEL	SOLID POLYMER HDP	SOLID PHENOLIC SPC	PLASTIC LAMINATE	FIBRGLASS REINFORCED FRP
RECYCLED CONTENT	MR 4.1 (1)	POST CONSUMER	15%	30%				
	MR 4.1 (1)	POST INDUSTRIAL	35%	50%	25% - 100%	0%	Core 91% - skins 22%	Core 91%
RAPIDLY RENEWABLE MATERIALS	MR 6.0 (1)	CONTENT						
LOCAL / REGIONAL MATERIALS	MR 5.1 (1)	Within 500 miles of our FINAL MANUFACTURING	ERIE, PA 16505	ERIE, PA 16505	ERIE, PA 16505	ERIE, PA 16505	ERIE, PA 16505	ERIE, PA 16505
LOW EMITTING MATERIALS	EQ 4.1 (1)	VOC CONTENT OF ADHESIVES/PAINT BELOW DEFINED LIMITS	ADHESIVES – YES PAINT – YES	ADHESIVES – YES	N/A	N/A	ADHESIVES – YES	ADHESIVES – YES
	EQ 4.2 (1)	FREE OF ADDED UREA FORMALDEHYDE RESINS	YES	YES	YES	YES		YES
	EQ 4.4 (1)	GREENGUARD CERTIFIED GOLD			YES	YES	skins YES	

General Partitions Mfg. Corp PO Box 8370 Erie, PA 16505 ph: (814) 833-1154 fax: (814) 838-3473 www.generalpartitions.com email: sales@generalpartitions.com