

## Pursuing LEED Certification with Bison Innovative Products



Bison Innovative Products is dedicated to providing products that are manufactured in an environmentally sensitive and efficient manner. The pedestal solution can help to achieve prerequisites and accumulate points in the following categories of LEED-NC 2.2.



### General Information

Manufacturer	Bison Innovative Products 701 Osage Street, Bldg 2, Unit 120 Denver, CO 80204
Location of Manufacturer	Denver, Colorado (pedestals only). See specific product list below for additional information.
Location of Extraction	Detroit, Michigan (pedestals only). See specific product list below for additional information.

### Contributions towards Points

MR Credit 1.3 Building Reuse	The longevity of our products lend themselves to re-use on a renovation type project. Although this won't help a LEED-NC project to achieve Building Reuse credits immediately, it can significantly help to do so later in the building's life.
MR Credit 3.1 & 3.2 Materials Reuse	Floor tiles and pedestals can be uninstalled in their original locations and reused in other projects. If used in this way, credit MR 1.3, this strategy is intended for long term sustainability and won't result in immediate credits.  Also, our Wood Tiles and EcoTile products makes use of tile wood remnants from other decking and furniture products that are usually discarded after the manufacturing process.
MR Credit 4.1 & 4.2 Recycled Content	Our pedestal supports and Bison Metal Cubes have recycled content. See specific product list below for additional information.
MR Credit 5.1 & 5.2 Regional Materials	All pedestals are manufactured in Denver, Colorado. See specific product list below for additional information.
MR Credit 7 Certified Wood	We have FSC Massaranduba, FSC Ipe, FSC Garapa, FSC Cumaru wood tiles.
SS Credit 7.1 Heat Island Effect – Non Roof	Wood Tiles and benches, as well as porcelain tile have an SRI of at least 29. Pedestals installed over grade provide an open-grid pavement system.
SS Credit 5.2 Maximize Open Space	Pedestals and surface tiles installed on grade can contribute by providing pedestrian-oriented hardscape areas.
IEQ Credit 4.1 Adhesives and Sealants	The majority of installations do not require adhesives for use. Reference recommended installation instructions for more information.
IEQ Credit 4.2	Low VOC coatings are applied to the Bison Metal Cubes, however this does not apply if used outside the building envelope.
SS Credit 4.2 Bicycle Storage & Changing	Pedestals and surface tiles can contribute to providing space for bicycle racks/storage.
SS Credit 6.1 & 6.2 Stormwater Design	Pedestals and surface tiles installed on grade can contribute to the reduction of impervious paving.
SS Pilot Credit 14 Walkable Project Site	Pedestals and surface tiles can contribute to providing walkable plaza/public space.
EQ Pilot Credit 78 Design for Active Occupants	Pedestals and surface tiles can contribute to providing multi-use spaces for exercise use by building occupants.

## Product Descriptions

Pedestals & Accessories				
Product Component	Bison Product #	Location of Extraction	Location of Manufacture	% Post-Industrial Recycled Content
Adjustable Pedestal	V1-18	Detroit, MI	Denver, CO	20%
Adjustable Pedestal	V1-316	Detroit, MI	Denver, CO	20%
Adjustable Pedestal	V2-18	Detroit, MI	Denver, CO	20%
Adjustable Pedestal	V2-316	Detroit, MI	Denver, CO	20%
Adjustable Pedestal	V3-18	Detroit, MI	Denver, CO	20%
Adjustable Pedestal	V3-316	Detroit, MI	Denver, CO	20%
Adjustable Pedestal	V4-18	Detroit, MI	Denver, CO	20%
Adjustable Pedestal	V4-316	Detroit, MI	Denver, CO	20%
Adjustable Pedestal	B1	Detroit, MI	Denver, CO	20%
Adjustable Pedestal	B2	Detroit, MI	Denver, CO	20%
Adjustable Pedestal	B3	Detroit, MI	Denver, CO	20%
Adjustable Pedestal	B4	Detroit, MI	Denver, CO	20%
Gray Coupler	C1	Detroit, MI	Denver, CO	20%
Black Coupler	C4	Detroit, MI	Denver, CO	20%
Adjustable Pedestal	LC-316	Detroit, MI	Denver, CO	20%
Adjustable Pedestal	LC-18	Detroit, MI	Denver, CO	20%
Quick Clip Coupler	VC2	Detroit, MI	Denver, CO	20%
Tab	VT18	Detroit, MI	Denver, CO	20%
Tab	VT316	Detroit, MI	Denver, CO	20%
Tab	LC18	Detroit, MI	Denver, CO	20%
Tab	LC316	Detroit, MI	Denver, CO	20%
Stackable Pedestal	HD25-18	Detroit, MI	Denver, CO	20%
Stackable Pedestal	HD50-18	Detroit, MI	Denver, CO	20%
Stackable Pedestal	HD75-18	Detroit, MI	Denver, CO	20%
Stackable Pedestal	HD25-316	Detroit, MI	Denver, CO	20%
Stackable Pedestal	HD50-316	Detroit, MI	Denver, CO	20%
Stackable Pedestal	HD75-316	Detroit, MI	Denver, CO	20%
Low Adjustable Pedestal	LO-18	Detroit, MI	Denver, CO	20%
Low Adjustable Pedestal	LO-316	Detroit, MI	Denver, CO	20%
Flexible Shim	B11	Detroit, MI	Denver, CO	20%

Rigid Shim	PS1	Detroit, MI	Denver, CO	20%
Base Leveler	LD4	Detroit, MI	Denver, CO	20%
Wood Fastener Kit	FS1	Detroit, MI	Denver, CO	
Wedge Spacers	BB Wedge	Detroit, MI	Denver, CO	20%
Joist Top	JT	Detroit, MI	Denver, CO	
Floating Insulation Base	FIB	Detroit, MI	Denver, CO	20%
Floating Foundation Base	FFB	Detroit, MI	Denver, CO	20%
Brace Collar	BB-c	Detroit, MI	Denver, CO	20%
Long Brace Kit	BB-L	Detroit, MI	Denver, CO	20%
Short Brace Kit	BB-S	Detroit, MI	Denver, CO	20%
Brace Attachment Pegs	BB-Pegs	Detroit, MI	Denver, CO	20%
Bison Wedge	Wedge	Detroit, MI	Denver, CO	20%

Surfaces						
Product Component	Bison Product #	Location of Extraction	Location of Manufacture	FSC	SRI	Low VOC Coating
Ipe Smooth	WT-IPE-SMOOTH	Brazil	Brazil	No	Weathered – 35.9 New – 45.4	N/A
Ipe Ribbed	WT-IPE-RIBBED	Brazil	Brazil	No	Weathered – 35.9 New – 45.4	N/A
Ipe FSC Smooth	WT-FSC-IPE	Brazil	Brazil	Yes	Weathered – 35.9 New – 45.4	N/A
FSC Massaranduba Ribbed	WT-FSC-MAS	Brazil	Brazil	Yes	Not Available	N/A
Ipe EcoTile	WT-ECOTILE	Brazil	Brazil	No	Weathered – 35.9 New – 45.4	N/A
Cumaru	WT-Cumaru	Brazil or Peru	Brazil or Peru	Yes	Not Available	N/A
FSC Cumaru	WT-FSC-Cumaru	Brazil or Peru	Brazil or Peru	Yes	Not Available	N/A
FSC Cumaru	WT-FSC-Cumaru	Brazil or Peru	Brazil or Peru	Yes	Not Available	N/A
FSC Garapa	WT-FSC-GARAPA	Brazil or Peru	Brazil or Peru	Yes	Not Available	N/A
Porcelain Tile – Heather Grey	PT-24-02	China	China	N/A	51.1	N/A
Porcelain Tile – Sand Stone	PT-24-03	China	China	N/A	47.8	N/A
Porcelain Tile – Charcoal Grey	PT-24-01	China	China	N/A	Not Available	N/A

\*Note – “Weathered” refers to Ipe wood weathered outdoors for a time period of 12 months

Site Furnishings						
Product Component	Bison Product #	Location of Extraction	Location of Manufacture	% Recycled Raw Content	SRI	Low VOC Coating
Aluminum Cube Powder Coat– Various Sizes	CUBE-PC- - - -	Indonesia	North Salt Lake, UT	47% minimum, up to 66%	Not Available	Yes
Aluminum Cube Zinc Finish– Various Sizes	CUBE-PC- - - -	Indonesia	North Salt Lake, UT	47% minimum, up to 66%	Not Available	Yes
Ipe Cube	CUBE-IPE	Brazil	Brazil	No	Weathered – 35.9 New – 45.4	N/A
Ipe Cube Single Bison Top	TOP-IPE2424	Brazil	Brazil	No	Weathered – 35.9 New – 45.4	N/A
Ipe Cube Double Bison Top	TOP-IPE2424	Brazil	Brazil	No	Weathered – 35.9 New – 45.4	N/A

\*Note – “Weathered” refers to Ipe wood weathered outdoors for a time period of 12 months