



## Statement on Green Practices and LEED

*While this data is accurate to the best of our knowledge as of the date of publication (March 2015), we invite you to contact us with any questions about specific products and requests for updates.*

At IPI by Bison™, our product engineering, manufacturing processes, and purchasing strategy are developed with environmentally-friendly yet cost effective strategies in mind. IPI by Bison is committed to using high content post-consumer, post-industrial recycled components whenever possible throughout the prototype, fabrication, and finishing stages. Over 90% of our product line is proudly manufactured in the Midwest, creating jobs to support the American economy and creating significant freight savings for new construction and renovation projects in the western half of the United States, traditionally underserved by sports equipment manufacturers.

Our manufacturing facilities are in the heart of a century-old industrial area in Lincoln, Nebraska, less than 150 miles from the geographic center of the country. We source locally whenever possible to reduce the environmental impact and cost of excess transportation. Our employees believe in good, old-fashioned common sense and a Midwestern work ethic that, in combination, ensures that our customers benefit from frugal, value-driven decision making. This approach helps to reduce waste, control costs, and encourage innovative thinking that often leads to product improvements that solve our customers' common challenges.

### What Is LEED®?

LEED, or Leadership in Energy & Environmental Design, is a green building certification program that recognizes best-in-class building strategies and practices. To receive LEED v4 (mandatory in June 2015) certification, building projects satisfy prerequisites and earn points from a combination of credit categories. Within each of the credit categories, there are specific prerequisites projects must satisfy and a variety of credits projects can pursue to earn points. The number of points the project earns determines which level (Certified, Silver, Gold, or Platinum) of LEED certification is awarded. Visit [www.usgbc.org/leed](http://www.usgbc.org/leed) for more information.

### Product Compatibility with LEED

Many of IPI by Bison's products have features that can contribute to LEED certification. The credits listed below are based on the LEED v4 guidelines and project checklists set by the U.S. Green Building Council, which can be found online at [www.usgbc.org](http://www.usgbc.org).

#### **Bicycle Facilities** • *BD+C/ID+C Location & Transportation, ND Smart Location & Linkage*

IPI by Bison offers a wide variety of short-term and long-term bicycle storage stations that provide a suitable means for securing bicycles. The addition of bike security to a site promotes bicycling and public health. Bicycle networks often include benches and litter and recycling receptacles as well, also available from IPI by Bison.

#### **Storage & Collection of Recyclables** • *BD+C/ID+C Materials & Resources*

IPI by Bison litter and recycling receptacles in a variety of designs and mounting options can be installed in collection and storage areas to reduce waste hauled to and disposed of in landfills.

#### **Building Life-Cycle Impact Reduction** • *BD+C Materials & Resources*

For projects that include gymnasium or field sports equipment and site furnishings, IPI by Bison's product line could contribute to a favorable Whole-Building Life-Cycle Assessment due to the long life cycle of the equipment that will not need to be replaced for decades. Many systems and components offer lifetime warranties and require virtually no maintenance. When replacements are made, nearly all IPI by Bison products can be recycled into post-consumer steel, aluminum, glass and poly/vinyl materials.

#### **Building Product Disclosure & Optimization-Sourcing of Raw Materials** • *BD+C/ID+C Materials & Resources*

Life cycle information is available on most of IPI by Bison's products. Please inquire about specific products for your project.

#### **Building Product Disclosure & Optimization-Material Ingredients** • *BD+C/ID+C Materials & Resources*

One hundred percent of IPI by Bison's site furnishings, as well as the majority of our gym and field equipment, is manufactured from steel purchased from domestic (USA) mills and merchant bar and rebar products produced from 100% recycled scrap. Our ductile iron castings are produced utilizing 95% recycled steel and iron scrap. And, our 100% steel products are 100% recyclable! Cast aluminum backboards are made of 97% recycled scrap. Aluminum extrusions are approximately 75% scrap aluminum, of which 65% is post industrial press scrap and 10% post-consumer, plus aluminum is 100% recyclable. Please inquire about other products.

### **Purchasing-Ongoing** • *O+M Materials & Resources*

IPI by Bison purchases its raw materials with recycled content whenever the design and use allows. Industry-leading warranty coverage ensures a long life cycle for the IPI product line. Therefore, sports equipment and site furnishings from IPI by Bison may be used to contribute toward postconsumer recycled content and extended use credits.

### **Low-Emitting Materials** • *BD+C/ID+C Indoor Environmental Quality*

The majority of IPI by Bison equipment is shipped with a powder coated finish, which results in minimal waste and is an environmentally friendly finish process. Powder coated metals are considered inherently nonemitting sources of VOCs. Our wall padding is constructed using low-VOC vinyl, OSB board, foam, and glue.

### **Environmental Tobacco Smoke Control** • *O+M Indoor Environmental Quality*

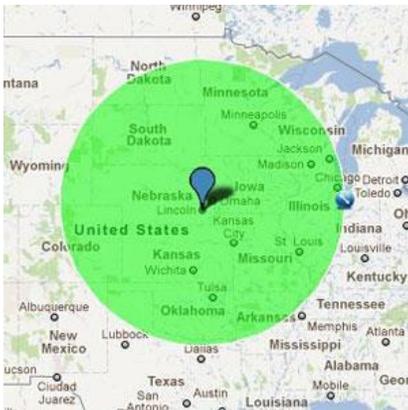
IPI by Bison ash receptacles and litter receptacles with ash tops can help prevent or minimize exposure to environmental tobacco smoke. In addition, IPI by Bison benches, tables, and chairs create an inviting location that can strategically be placed away from indoor smoking-restricted areas and restricted building entrances or in compartmentalized designated smoking areas.

### **Access to Recreation Facilities** • *ND Neighborhood Pattern & Design*

A complete line of sports equipment for both outdoor and indoor recreation facilities is available from IPI by Bison. "Sports fields" and "tot lots" are specifically mentioned as appropriate outdoor recreation facility options toward LEED accreditation.

### **Solid Waste Management** • *ND Green Infrastructure & Buildings*

Site furnishings by IPI by Bison can assist in reducing the volume of waste deposited in landfills. Litter and recycling receptacles are available in a variety of styles and can be installed in recycling stations and there are even pole-mounted options available for mixed-use or nonresidential blocks' recycling strategies.



### **Regional Sourcing is Environmentally Responsible and Cost Effective**

IPI by Bison is centrally located and, therefore, we are able to provide indoor and outdoor sports equipment and site furnishings to a 14-state section of the Midwest to meet LEED's regional recommendation. A 500-mile radius around our manufacturing facility includes Denver to the West, Chicago to the East, Grand Forks to the North, and the Texas panhandle to the South and includes major metropolitan areas of Minneapolis, Kansas City, and St. Louis as well. Our entire product line is manufactured in Lincoln, Nebraska (68508 zip code).

### **A Quick Overview of Commonly Used Materials at IPI by Bison**

While there are many individual components in IPI by Bison's diverse product line, there are several commonly used items for the manufacture of equipment for basketball, volleyball, soccer, football, and more. Below is the information gathered from our primary sources:

- Cast aluminum backboards: About 97% of the material used is from recycled scrap.
- Aluminum extrusions: Approximately 75% is scrap aluminum, of which 65% is post industrial press scrap and 10% post-consumer, plus aluminum is 100% recyclable.
- Steel merchant bar and rebar products: Produced from 100% recycled scrap, at least 80-90% sourced from suppliers located within 200 miles of the mills. Steel is also 100% recyclable.
- Ductile iron castings: Composed of 95% recycled steel and iron scrap.
- Powder coating: An environmentally-friendly process with negligible VOCs emitted, no hazardous air pollutants, minimal exhaust, and almost no waste as overspray powder can be reclaimed and reused.

### **Our People and Our Processes Contribute to Environmentally Friendly Manufacturing Practices**

Our employees continue to expand our facility-wide recycling efforts and our packaging process limits the use of non-recyclable materials and uses recycled skids and crating materials whenever possible. To reduce energy costs and fuel needs, our production areas have implemented energy-efficient strategies to control lighting and equipment use when office and production areas are closed. We want our customers and their customers to feel confident that their purchase is an excellent environmental decision!