



Bison Innovative Products

We are incredibly proud of a recent association! At Sterritt Lumber, we are extremely excited to partner with Bison Innovative Products, a respected leader in creative and green rooftop decking products and technology. Bison Innovative Products does not merely manufacture individual products. Bison gives credibility to a wide range of offerings that set a very high standard for how we should live. It establishes creative ways of thriving in urban settings, where open space is rare. In addition, this innovative company inspires environmentally sound ways to beautify our outdoor existences. Bison is not merely a line of products. This innovative company promotes living in eco-friendly and resourceful ways.

Bison manufactures pedestal system decking solutions for creating outdoor spaces in a variety of applications. Some applications of these solutions include flat rooftop terraces and plazas, green roofs, and streets and curbsides. Some Bison projects even involve covering old or cracked concrete patios, deck retrofitting, water features, and reflecting ponds. Any of the applications can be installed over nearly any surface that needs a beautiful transformation. Taking a more detailed look at pedestal system decking finds Bison Deck Supports. These fasteners hold and elevate decking surface materials such as Bison Wood Tiles, stone tiles, or even decks on joists.

Another facet of Bison's versatility is demonstrated by their production of Bison Cubes. Bison Cubes make it easy to design a comfortable, creative, and beautiful rooftop environment. With infinite design possibilities, Bison Cubes are the perfect solution to installing creative outdoor seating, storage, and planting!

Manufacturing these environmentally friendly and creative products would be enough for most companies. Bison takes an innovative next step by providing consulting when it comes to building a Green Roof or a Pop-Up Park too! Building vegetative roofs on commercial rooftops is a popular practice in North America. Studies have shown green roofs reduce energy use, capture storm water, and improve air quality. In addition, they create wildlife habitats and add needed green space to urban areas. Bison offers green roof planning, designing and horticulture consultation to assure wise plant selection, correct installation, and proper maintenance of your project!

In addition, Bison's advanced products are sustainable! Many of them offer LEED credits, many are made of recycled material, and some even have the approval of the Forest Stewardship Council. We hope you are as excited about our association with Bison as we are. We plan on passing along all of the value, creativity, and innovation of this company to our own Sterritt Lumber customers!



Bison Wood Tiles

At Sterritt Lumber, we feel that of all the wonderful products that Bison Innovative Products offers, its Bison Wood Tiles may be the absolute gem of their entire line of products. Bison Wood Tiles are a modular pre-assembled elevated decking system that features beautiful and sustainable Brazilian hardwood. Most notably, Bison Wood Tiles are made of Ipe and Massaranduba. The wood is three times harder than oak, these incredibly dense hardwoods have the beauty and authentic feel of natural wood without the issues found in other less dense woods.

Bison Wood Tiles are perfect for blending the beauty and upscale look of exotic hardwood. They are commercial grade, constructed with stainless steel screws, and can be occasionally treated with oil to preserve and enhance their original color. If your customer also desires it, they can be left untreated to reveal a natural aged look.

Bison Wood Tiles utilize wood sources that have been harvested in an environmentally responsible method, designed to preserve and enhance the existence and value of rain forest hardwoods. Bison employs preassembled wood tiles that utilize two-foot slats so remnants from other manufacturers are used. This continues the efficient use of materials and reducing waste.

Bison Wood Tiles come in the following styles and offerings:

- 2' x 2' wood tiles
- 2' x 4' wood tiles
- Custom and semi-custom wood tiles

Some of the many features and qualities of this wood are:

- The wood is three times as hard as Red Oak!
- It is highly durable and very long-lasting
- It demonstrates a Class A fire rating
- Because the wood is so durable little maintenance is required to keep it beautiful.

Installation of this product is simple and easy as well. Still can't imagine a beautiful product that combines versatility, function, and durability? **Seeing is believing.** Let the professionals at Sterritt Lumber answer your important questions about Bison Wood Tiles!



Bison Cubes

One important reason that Sterritt Lumber is proud to partner with Bison Innovative products has to do with the company's versatility. Another facet of Bison's versatility is demonstrated by their production of Bison Cubes. Bison Cubes make it easy to design a comfortable, creative, and beautiful rooftop environment.

Made of stainless steel, ipe wood, or weathered steel, Bison Cubes can be used for designs of seating, storage, or planters on rooftop decks. They are the perfect individual statement for a project uniquely your own! Although the standard size is 2'-square, the cubes are available in special order sizes as well as custom powder-coated finishes.

Here is the wide variety of options when it comes to purchasing your own distinct Bison Cubes:

Aluminum Cubes

Aluminum Cubes can be installed in place of a Bison deck pedestal. They are lightweight, durable, maintenance-free, and incredible strong. They are available in the following vibrant colors:

** Red

** Black

** Oxidized Zinc

** Charcoal

** Bronze

** Silver

** White

Weathered Steel Cubes

Weathered Steel Cubes are constructed using heavyweight steel. Because of this, they are durable and free from all maintenance. They are made from recycled material and are fashioned in a manner to resemble natural rust look that complements your deck perfectly.

Ipe Hardwood Cubes

Ipe Hardwood Cubes are amenities that offer a matching look to your Bison deck project. Ipe is an incredibly long lasting hardwood, so it provides the perfect union of durability and low-maintenance.

Ipe Tops

Ipe Tops work seamlessly with all Bison Cubes to add distinction to your planter, seat or storage unit! They are beautiful and unique additions to your decking application.

Bison Cubes are manufactured with with an incredible sensitivity to environmental resources. They are made with raw materials using 47%-66% recycled content, low VOC sealants, and finishes. With infinite design possibilities, Bison Cubes are the perfect solution to installing creative outdoor seating, storage, and planting!



Bison Deck Supports

A respected leader in green rooftop technology, Bison Innovative Products does not merely manufacture individual products. Bison gives credibility to a wide range of offerings that set a high standard for how we should live. Bison establishes creative ways of thriving in urban settings, where open space is rare. In addition, this innovative company inspires environmentally sound ways to beautify our outdoor existences. One more way that Bison demonstrates their versatility and innovation is through the production of Bison Deck Supports.

Bison Deck Supports are adjustable pedestal supporting mechanisms that enable builders and homeowners to improve unsightly surfaces by replacing them with modern decking materials. Have you ever lifted an attractive rug and swept dirt under it to hide remnants of what was an unsightly floor? Well, that is a loose and funny analogy of what this product accomplishes, but it is surprisingly a solid comparison.

These small pillars attach to and brace a variety of decking surface materials over surfaces that are worn, cracked, uneven, or unsightly. The result is that sturdy and stunning decks are now in place over the ugly

surfaces that were displayed before. The folks at Bison use a patented “screw to adjust” pedestal as an individual support. This pedestal guarantees smooth and level decking surfaces so you can install a variety of surfaces to make barren or ugly spaces sparkle.

Bison has a number of very specific types of deck supports currently on the market, and Sterritt Lumber is proud to handle all of them:

Versadjust

- Supports heaviest load: 1,250 lbs per pedestal (FS:3)
- Integrated Base Levelers accommodate 0 to ½ inch per foot slope
- Versadjust adjustable system height range is 2 ¼ inches to 36 inches
- Accessories for heights from 1/8 inch to 2 ¼ inches
- Contains 20% Post-Industrial Recycled Material
- Impervious to water, mold and freeze/thaw

Level.It

- Supports 750 lbs per pedestal (FS:3)
- Level.it adjustable system height range is 2 inches to 12 inches
- Accessories for heights from 1/8 inch to 2 inches
- Pedestals made of High Density Copolymer Polypropylene
- Contains 20% Post-Industrial Recycled Material
- Impervious to water, mold and freeze/thaw

ScrewJack

- Support up to 1000 lbs per Pedestal (FS:2)
- ScrewJack system height range is 1 ¼ inches to 24 inches
- Tab Width 3/16 inches
- Accessories for heights from 1/8 inch to 1 ¼ inches
- Pedestals made of High Density Copolymer Polypropylene
- Contains 20% Post-Industrial Recycled Material
- Adjustable pedestals are preassembled

In addition, Bison Joist Tops can be used with joist and plank systems. These work very well with Versadjust and Level.It Series pedestals. These tops protect the lifespan of roofing and waterproofing materials. They also allow air to circulate and water to flow well to drains. The pedestals are impervious to water and because of that, enable a reduced number of callbacks from ruined roofing.

Sterritt Lumber is proud to handle all of these versatile and modern series of supports manufactured by Bison Innovative Products! For an informative introductory video on these amazing products, click [here](#).

How to Care For Your Bison Wood Tiles

Wood Characteristics:

Bison Wood Tiles are made of Ipe and Massaranduba hardwoods that contain a rich complexity of graining and coloration and are exceptionally dense and resistant to insects. The natural shading, coloration and graining variations add to the character and overall beauty of your finished surface.

Storage:

Keep product out of direct sunlight until it is ready to be installed. Bison Wood Tiles will adjust to the climate where they are installed and may have or develop some slight imperfections.

Cutting & Fastening:

Cutting: Carbide or diamond tipped blades are highly recommended. Bison Wood Tiles have a very high density and a slower feed rate is recommended when cutting tiles. In order to minimize checking (small cracks) the installer must seal any cut ends with Anchor seal. Apply this product with a brush to the cut ends only. Do not get any of this treatment on the top surface of the wood.

Fastening: Bison strongly recommends the use of Bison Deck Supports and the FS1 Fastening Kit* (*patent pending) when installing Bison Wood Tiles. The Bison pedestal/wood tile system installs quickly and securely. The FS1 Fastening Kit, available exclusively from Bison, fastens wood tiles to the pedestals without penetrating or damaging the wood. Because Bison wood tiles are so dense, the installer must pre-drill holes from the bottom, using a carbide drill bit designed to extract stock during drilling. Exercise caution to not drill through the top surface. In addition, use only stainless steel screws which are durable and provide maximum fastening power.

Sanding & Sealing:

If desired, Bison Wood Tiles can be periodically cleaned. Wood stabilizers or sealants can help lessen the loss of moisture on the top of the boards and minimize checking and splitting. However, small checks and splits are normal and a natural part of the wood.

The following manufacturers offer products specifically designed for use with exotic hardwoods: Cabots, Penofin®, Messmers (all available through Sterritt Lumber). Bison Innovative Products recommends that you test any cleaners or sealants in a hidden area first before applying them to the installed deck.

Sanding: If you plan to seal your deck with a penetrating oil and desire a more uniform appearance, a light sanding is highly recommended. Use 80 grit sandpaper to lightly sand the wood tiles and thus reduce the appearance of any minor marks, scratches or surface imperfections. After sanding, sweep the tiles and use water to rinse away any remaining dust.

Maintaining Tile Color: To better maintain the rich coloration of the tiles, you can apply a penetrating oil finish, such as Penofin® Penetrating Oil Finish, with UV blocker. These products offer UV protection as well as mold and mildew protection. Before applying any finish, first clean and remove any residue from the wood tile as described above. After your initial coat is applied, an annual maintenance coat will help keep the hues bright for years to come.

Natural Aging: Left to weather naturally and, depending on climatic conditions, Bison wood tiles will develop a silvery-gray patina. If you prefer this look, Bison recommends that a coat of wood stabilizer be applied after installation. Some products provide UV protection, allowing your wood tiles to acclimate more uniformly as weather and environmental conditions season the deck. Note: each board has unique characteristics and will weather at different rates. The amount of direct and indirect sunlight, temperature, humidity, moisture and other local conditions will factor into the time and shading of the deck.

Periodic Cleaning:

Commercial Cleaning Products: Bison recommends using a deck cleaning product like Pro-Tech Wood Stripper by Penofin which contains Sodium Percarbonate or Potassium Hydroxide, which safely cleans the wood and also kills mold spores. To restore the pH balance of the deck, use a slightly acidic deck brightener such as Weather Blaster by Penofin. The deck tiles are ready to re-seal once they are cleaned and pH balancing is complete.

Pressure Washing: You may also use a pressure washer to remove built-up dirt, mold or mildew from your wood tiles. Caution: use the lowest PSI for the species of wood you are cleaning. A maximum of 1200 PSI is suggested for Bison Wood Tiles. Test an inconspicuous area first and be careful to use the wand in even strokes to avoid lap marks.