



CUBE & TRAY
Site Furnishings

INFINITE CREATIVITY

BISON CUBE & TRAY

April 2019

Bison Cubes integrate perfectly with Bison Wood Tiles in a modular pedestal deck system, making it easy to design a beautiful outdoor environment. Available with standard irrigation sleeves and drainage holes, Bison Cubes can host plant life in the summer and be repurposed for seating and storage in the winter thanks to the optional hardwood Bison Cube Tops. Bison Cubes will bring architectural charm to any rooftop deck year after year.

- Standard Bison Cubes are available in powder coated aluminum or ipê
- Powder Coated Aluminum Cubes are lightweight, exceptionally durable, and made in the USA
- Ipê Wood Cubes provide a natural look and weather well over time
- Cubes and Tops are covered by a limited five (5) year warranty
- Custom colors, sizes, and materials are available
- May contribute to LEED points



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Bison Aluminum Cubes

Model	Dimensions	Weight
CUBE-PC242420	23.875" L x 23.875" W x 20" H	28 lbs
CUBE-PC242424	23.875" L x 23.875" W x 24" H	30 lbs
CUBE-PC242436	23.875" L x 23.875" W x 36" H	42 lbs
CUBE-PC482420	47.9375" L x 23.875" W x 20" H	45 lbs
CUBE-PC482424	47.9375" L x 23.875" W x 24" H	50 lbs
CUBE-PC482436	47.9375" L x 23.875" W x 36" H	66 lbs
CUBE-PC484820	47.9375" L x 47.9375" W x 20" H	131 lbs
CUBE-PC484824	47.9375" L x 47.9375" W x 24" H	150 lbs
CUBE-PC484836	47.9375" L x 47.9375" W x 36" H	191 lbs
CUBE-PC722420	72" L x 23.875" W x 20" H	85 lbs
CUBE-PC722424	72" L x 23.875" W x 24" H	95 lbs
CUBE-PC722436	72" L x 23.875" W x 36" H	125 lbs
CUBE-PC962420	96.0625" L x 23.875" W x 20" H	165 lbs
CUBE-PC962424	96.0625" L x 23.875" W x 24" H	185 lbs
CUBE-PC962436	96.0625" L x 23.875" W x 36" H	240 lbs



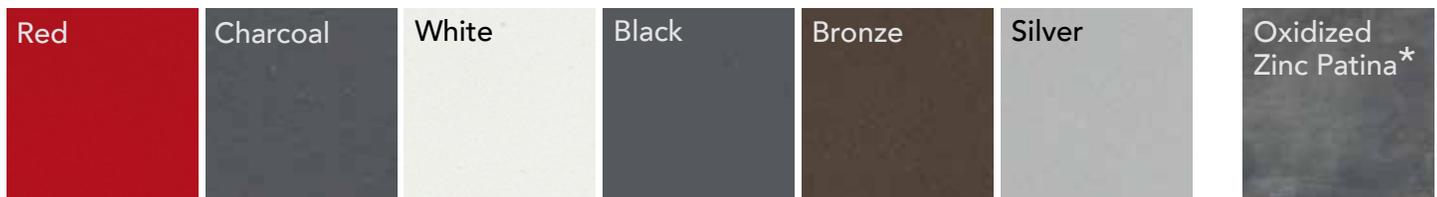
Bison Powder Coat Aluminum Cubes are available in custom sizes, materials, and colors to meet your design needs. Custom materials include stainless and weathered steel. Specify color when ordering.



Bison Aluminum Cubes

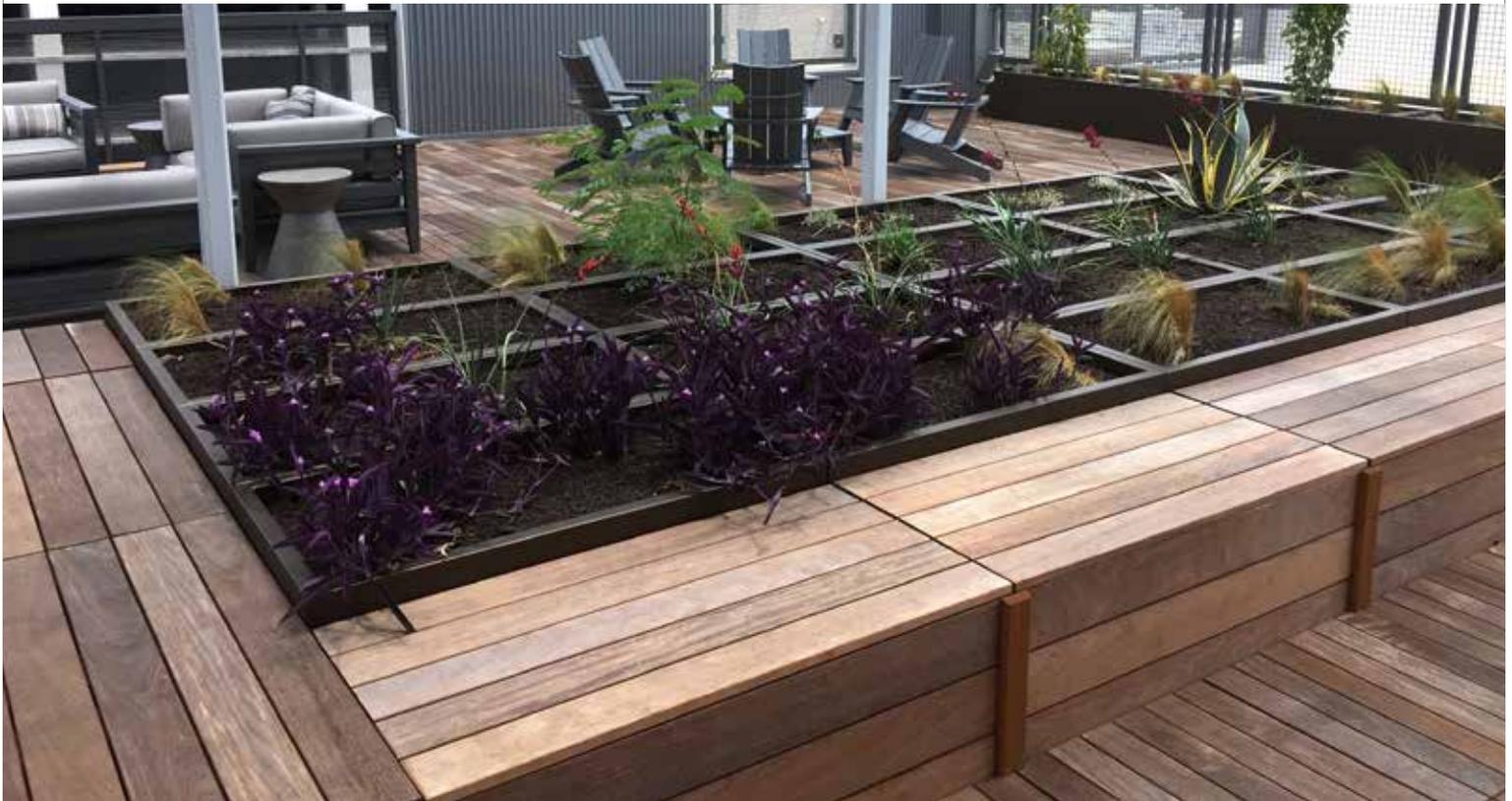
Designed to withstand extreme temperatures, these low-maintenance, durable planters are constructed of lightweight, recycled aluminum and use industrial strength powder coating technology developed with modern aesthetics in mind. Powder coating is a dry finishing process that is applied electrostatically and cured under heat, creating a more resilient finish than conventional paint. The process does not emit any volatile organic compounds (VOCs) into the air and allows Cubes to be coated with any RAL paint code color. Bison Aluminum Cubes typically contain 20% recycled content, are 100% recyclable, include drain holes and irrigation sleeves, and are made in the USA. With an endless variety of size and color choices available, Bison Aluminum Cubes' sleek and modern appearance compliments any rooftop deck.

Standard Colors and Finishes



Note: Actual colors may differ from pictures; please contact Bison for a color sample. Please allow 4-6 weeks for Standard and 6-8 weeks for Custom Aluminum Cubes from receipt of payment and signed quote for manufacture and delivery.

*The Oxidized Zinc Patina is a premium "living" finish option, please contact Bison for pricing. Cube Tops are not recommended for use with this finish. Please see the Care and Maintenance section for more information.



Bison Ipê Wood Cubes

Ipê Cubes

Model

CUBE-IPE242417-LINED
CUBE-IPE482417-LINED

Dimensions

23.875" L x 23.875" W x 16.75" H
47.9375 L x 23.875" W x 16.75" H

Weight

70 lbs
124 lbs

Bison Ipê Wood Cubes and Ipê Wood Cube Tops offer an array of design options to incorporate seating, storage, and planters. With the long-lasting durability of dense hardwoods, Bison Wood Cubes and Tops can withstand harsh environments. The warm wood tones and varied grain patterns make Bison Wood Cubes the perfect compliment to any architectural rooftop application. Bison Wood Cubes feature a polyurethane lining and drainage holes making plant care and maintenance easy. Custom sizes and species are available as well.



Bison Ipê Wood Cube Tops

Single Ipê Cube Top



Model	Dimensions	Weight
CUBE-TOP-IPE2424	23.875" L x 23.875" W x 1.575" H	22 lbs
CUBE-TOP-IPE2424-AL	23.875" L x 23.875" W x 1.575" H	21 lbs

- Top adds 0.75" to Cube height
- Custom sizes available
- Specify for Aluminum or Ipê Cube when ordering
- Storage is weather resistant but not watertight

As Shown: Single Ipê Cube Top (Model CUBE-TOP-IPE2424) on Ipê Cube (Model CUBE-IPE242417-LINED)



As Shown: Single Ipê Cube Top (Model CUBE-TOP-IPE2424-AL) on Silver Powder Coated Aluminum Cube (Model CUBE-PC242420)

Double Ipê Cube Top



Model	Dimensions	Weight
CUBE-TOP-IPE4824	47.9375" L x 23.875" W x 1.575" H	43 lbs
CUBE-TOP-IPE4824-AL	47.9375" L x 23.875" W x 1.575" H	41 lbs

- Top adds 0.75" to Cube height
- Custom sizes available
- Specify for Aluminum or Ipê Cube when ordering
- Works on all 24" x 24" and 48" x 24" Cubes
- Storage is weather resistant but not watertight

As Shown: Double Ipê Cube Top (Model CUBE-TOP-IPE4824) on two Ipê Cubes (Model CUBE-IPE242417-LINED)

Note: Actual colors may differ from pictures; please contact Bison for a color sample. Standard Ipê Cubes and Tops subject to availability at time of Order. Please allow 10-14 weeks for Custom Wood Cubes and Tops from receipt of payment and signed quote for manufacture and delivery. Cube Tops are not recommended for use with the Oxidized Zinc Patina finish.



Bison Cube Tray

Model	Dimensions	Weight
CUBE-TRAY241202	23.875" L x 11.9375" W x 1.69" H	5 lbs
CUBE-TRAY481202	47.9375" L x 11.9375" W x 1.69" H	10 lbs

Lightweight aluminum Bison Cube Trays expand the design options for rooftop environments. Used as a containment system for architectural rocks or other deck elements, the low clearance Cube Trays integrate seamlessly with Bison Cubes and Wood Tiles to create modern rooftop environments. The Cube Trays are corrosion resistant, made in the USA, and available in a variety of standard and custom size options that offer modular integration with Bison Pedestal Deck Systems.



Note: Actual colors may differ from pictures; please contact Bison for a color sample. Please allow 4-6 weeks for Standard and 6-8 weeks for Custom Cube Trays from receipt of payment and signed quote for manufacture and delivery.



Care and Maintenance Recommendations

Aluminum Cubes

Powder Coated Aluminum Cubes should be inspected regularly for soil deposits and environmental contaminants. These contaminants should be removed with a soft cloth and mild soapy water while the surface of the Cube is cool to the touch. Rinse the Cube thoroughly after each cleaning with mineral-free clean water. Take care to keep the cleaning agents from affecting the surrounding area. Harsh environments may require more frequent inspections and cleaning. Bison recommends cleaning a small area first to ensure there will be no unforeseen discoloration.

Oxidized Zinc Patina Aluminum Cubes have a "living" finish that will change over time. This finish is susceptible to stains and other environmental contaminants. Cube Tops are not recommended for use with this finish. Care should be taken in its handling, placement and maintenance. Do not clean or scrub the zinc finish with any solvents or cleaners of any kind. Lightly spray with water to clean. Do not use a power washer. In the event of damage please contact Bison at 800.333.4234 or sales@bisonip.com.

Care and Maintenance Recommendations (continued)

Ipê Wood Cubes and Ipê Wood Cube Tops

Bison Ipê Wood Cubes and Tops are made of dense hardwoods which contain a rich variety of graining and coloration.

- o *Cleaning and Sealing* Bison Ipê Wood Cubes and Cube Tops can be periodically cleaned and sealed. Wood stabilizers and sealants can help mitigate the loss of moisture and minimize checking and splitting; however, small checks and splits are normal and a natural part of the wood. The following manufacturers offer cleaning and sealing products specifically designed for dense hardwoods: Messmer's, Defy, Penofin, and TimberPro. Bison recommends that you test any cleaners or sealants in an inconspicuous area first to make sure it performs as you expect.
- o *Maintaining Cube Color* To better maintain the rich coloration of the Ipê Wood Cubes and Cube Tops, you can apply a penetrating oil finish with UV blocker. These products offer UV protection as well as mildew protection, slowing the weathering process. Before applying any finish, first clean and remove any residue from the Ipê Wood Cube or Cube Top. After your initial coat is applied, regular maintenance coats will help keep the coloration vibrant for years to come. The frequency of application depends on the location of the Ipê Wood Cube or Cube Top.
- o *Natural Aging* Left to weather naturally and depending on climatic conditions, Ipê Wood Cubes and Cube Tops will develop a silvery-gray patina. To help even the aging process, Bison recommends that a coat of wood stabilizer be applied after installation. Some products provide UV protection, allowing the Ipê Wood Cubes and Cube Tops to acclimate more uniformly; however, 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 affect the rate of change in appearance as the wood ages.
- o *Ipê Wood Cube Tops* As the wood is exposed to moisture, it will begin to weather and release natural tannins, which may cause some discoloration to the Cube they are set on if not cleaned or removed. Cube Tops are not recommended for use with the Oxidized Zinc Patina finish.
- o *Environmental Conditions* Being a natural product, Ipê Wood Cubes and Cube Tops will react to the surrounding environmental conditions. They may spot or stain when exposed to various materials including: metal, steel, iron, or aluminum filings, pieces, equipment, tools, or fasteners; iron enriched fertilizers; plant debris; animal urine; beverage, food, or grease spills; or mildew that naturally occurs in humid or moist locations. To avoid spotting or staining during construction, Bison recommends protecting the Cubes and/or Cube Tops to reduce exposure to these materials.

Storage and Handling

All Bison Cubes should be removed from the original packaging and stored indoors until installation begins; do not leave products tightly wrapped as condensation can build up between the packing material and planter and could stain and/or begin to remove finishes. Do not store Bison Cubes or Tops in standing water.

Care should be taken in the handling, placement, and maintenance of Bison Cubes. While the Cubes are extremely durable, care should be taken to not scratch, dent, or drop the Cubes. Immediately following installation, carefully inspect the area to be positive that the installed Cubes are protected from damage which may result from continued site construction.

NOTE: Additional information regarding Bison Cubes can be found in the Bison Cube Specification, available online at www.bisonip.com.