



BISON 2CM Paver™

November 2016

DISTINCTIVE. SOPHISTICATED. LIGHTWEIGHT.

BISON 2CM PAVER™

Bison 2CM Pavers™ are a beautiful surfacing option for rooftop environments. These low profile pavers combine a natural quarried stone look with handcrafted precision and performance. The Bison 2CM Paver™ and Bison 2CM Paver Tray* system provides architectural charm to roof decks.

- **Tested for use with Bison Pedestal Systems.** Bison 2CM Pavers™ are slip, stain, and fade resistant.
- **Beautiful Finishes.** Durable and easy to clean in high traffic areas.
- **Low Height Profile.** Paver thickness = 0.787" (20mm). Tray thickness = 0.16" (4mm). Total height = 0.947" (24mm).
- **Quick and Easy to Install.** For use on Bison Pedestals up to 36" in height. (Requires Bison 2CM Paver Tray* when installed on Bison Pedestals).
- **Lightweight.** Bison 2CM Paver™ and Tray* assembly = 44 lbs (11 lbs/sq ft).

*Patents pending.

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BISON INNOVATIVE PRODUCTS | 2395 WEST 4TH AVENUE, DENVER, CO 80223 USA | 800-333-4234 | INFO@BISONIP.COM | BISONIP.COM

Bison 2CM Paver™



PT-24-02 Heather Grey
 Dimensions 23.6" x 23.6"
 600mm x 600mm



PT-24-03 Sand Stone
 Dimensions 23.6" x 23.6"
 600mm x 600mm



PT-24-01 Charcoal Grey
 Dimensions 23.6" x 23.6"
 600mm x 600mm

Bison 2CM Pavers™ meet or exceed the following standards:

Environmentally Responsible	Greenleaf Certified Product Certification	
Recycled Content	Intertek ECP	14.5%
Slip Resistance	ASTM C1028 ANSI A137	SCOF Dry .86 & Wet .76 DCOF .61
Freeze Thaw Resistance	ASTM C1026-10	Passed
Solar Reflectance	ASTM E 1980-11 ASTM C1549-09	51 average .453 SRI
Hemispherical Emittance	ASTM C1371-04a	.874
Stain Resistance	ASTM C1378	Class A
Chemical Resistance	ASTM C650	Class A
Deep Abrasion Resistance	ISO10545-6	Passed
Thermal Shock Resistance	ASTM C484	Passed
Water Absorption	ASTM C373	.33%
Compressive Strength	ASTM C67	9,000 LBS FoS:3
Concentrated Load on Pedestals	ASTM E2322	200 lbs/psf FoS:3 / 12 kPa FoS:3
Uniform Load on Pedestals	ASTM E2322	1000 lbs/psf FoS:3
Wind Uplift on Pedestals	FBC TAS-108	Aerodynamic Multiplier
Installation Temperature	NRCA Standard	40° F and above



While Bison 2CM Pavers™ are durable because of the product's thickness and density, they can be damaged by mishandling or careless treatment. Please note that if tools, furnishings or equipment are forcefully dropped on the pedestal/paver system, chips, scratches, surface damage and/or cracking and breakage can occur, especially in cold temperatures. Before, during and after installation, always protect the installed pavers by using sheet(s) of plywood to cover the work area and protect the pavers from chipping and breakage. Please refer to product specifications for more information.



Care & Maintenance Instructions

Bison 2CM Pavers™ are a great choice for patios and decks that provide a durable, maintenance-free finish with a luxurious look. This instruction guide is intended to be used in conjunction with Bison 2CM Pavers™ Paver Specification Section 07760 - Deck Pedestals. Bison Innovative Products does not manufacture cleaning/maintenance products. Bison provides the information contained herein to its customers as an informational source only. The products identified may have chemicals that cause reactions in certain individuals. Bison strongly recommends the use of safety glasses, respirators, and gloves in handling any materials that contain chemicals. Always test a small area prior to the use of any cleaning/maintenance product to determine whether the product you are about to apply serves its intended purpose. Follow cleanser manufacturer's instructions and precautions.

Visual Observation: Check for cracked or chipped pavers and replace with new Bison 2CM Paver™ and Tray* immediately. If rocking pavers are observed, adjust or shim. Failure to do so can cause a tripping hazard. Periodically check spacer tabs and immediately replace broken tabs to limit deck movement. Make sure the edge restraint stays intact and structurally sound.

Cleaning: If desired, Bison 2CM Pavers™ can be periodically cleaned. All spills should be cleaned as quickly as possible. Sweep thoroughly and mop with a clean damp mop using a pH-balanced mild household detergent such as diluted dish soap. Follow application instructions and recommendations. Rinse thoroughly with clean, clear water to remove the dirty detergent solution and emulsified soil. Rinsing is a critical step in the maintenance procedure. Remove the rinse water with a squeegee. If dirty detergent solution is not removed and is allowed to dry on the surface, a coating will form which is difficult to remove. Test on an inconspicuous portion of the paver prior to applying to entire surface.

Deep Cleaning: When necessary, scrub with a cotton mop, cloth, sponge, or non-metallic brush. Do not use abrasive cleaners, brushes with hard or metal bristles, scouring pads, steel wool, or sandpaper. Do not use scouring powders; these products contain abrasives that may scratch the surface of the paver. Do not use vinegar or any cleaners containing acids or strong alkaline agents. Acid washing is not recommended. Products with high acid or ammonia content are not recommended. Acids, like orange extract and vinegar (including any substance with a pH lower than 7) can damage the glazed surface of the paver, and alkaline solutions like ammonia or bleach (including any substance with a pH higher than 7) can discolor.

Commercial Buffing Machines: Commercial floor scrubbers or floor buffing machines are not recommended due to their potential to damage pavers and pedestals with their movement mechanisms.

Pressure Washing: Pressure washers may be used to remove built-up dirt, mold, or mildew from the pavers. Bison recommends using a professional deck cleaning contractor. Test an inconspicuous area first, and be careful to clean the entire deck to avoid lap marks.

Sealing: Applying sealer to porcelain paver is not recommended.

Standing Water & Snow: Always rinse pavers thoroughly after any application of ice-melt to avoid the buildup of salt crystals. After rinsing, squeegee the pavers dry.

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