



PAVER TRAY

May 2019

## STRENGTH, SUPPORT, AND SAFETY

### BISON PAVER TRAY

Ideal for use with Bison Pedestals, the Bison Paver Tray\* offers a simple and lightweight paver backing to enhance the impact resistance and provide additional strength to paver surface materials for outdoor areas, limiting the risk of breakthrough.

- Weather resistant galvanized steel tray
- Peel and stick adhesive pad allows for a mess-free bond to the desired surface paver
- Exclusive Bison FS-12 Fastening Kit\* and Paver Tray channel allow for easy paver attachment, removal, and replacement
- Standard modular sizes include 24" x 24", 48" x 12", and 48" x 24"
- Custom sizes available
- Recommended for use on Bison Pedestals 1/2" to 36" in height
- Meets ASTM E136 testing requirements as a non-combustible surface material
- Made in the USA



\*US Patents Pending.

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Bison Innovative Products | 701 Osage Street, Unit 120, Denver CO 80204 USA | 800-333-4234 | [www.bisonip.com](http://www.bisonip.com)

## SPECIFICATIONS

- Galvanized steel
- Peel and stick adhesive pad
- Available in custom sizes
- Requires 3/16" (4.5 mm) tab size for pedestals
- Prior to installation, limit exposure to moisture, direct sunlight, and temperatures outside of 50°F to 100°F (10°C to 37°C)
- Made in the USA



Model No.

Description

Dimensions (L x W x H) / Notes

FS-12

12" (304.8 mm) Spline  
3/16" (4.5 mm) Tab

Fastens Bison Paver Trays to  
Bison Adjustable Pedestals with  
long screw, and HD50 or HD75 Fixed  
Height Pedestals with short screw



PT-TRAY-2424-3

23.43" x 23.43" x 0.45"  
(595 x 595 x 12 mm)  
Fits 595-602 x 595-602 mm Pavers

PT-TRAY-4812-3

Paver Support Tray

47.01" x 11.61" x 0.45"  
(1194 x 295 x 12 mm)  
Fits 1194-1201 x 295-302 mm Pavers

PT-TRAY-4824-3

47.01" x 23.43" x 0.45"  
(1194 x 595 x 12 mm)  
Fits 1194-1201 x 595-602 mm Pavers

Confirm your paver sizes  
in metric units prior to  
purchasing Paver Trays.

## Testing

The Bison Paver  
Tray and 2CM  
Paver system meet  
or exceed these  
standards.\*

Note: Customer to  
verify acceptable  
uses for each project  
according to the  
presiding building  
code authority. All  
products to be installed  
per the most recent  
Bison Paver Tray  
Specifications and  
Details at the time of  
installation.

| Description   | Test                                      | Results/Requirements                       |
|---|---|--|
| Class A Fire Rated Surface over<br>Bison Pedestals (system) | Underwriters Certification<br>TGFU R38623 | Over Class A, B, or C roof systems         |
| Non-Combustible Surface<br>(system)                         | ASTM E136<br>ASTM E108                    | Pass Class A                               |
| Concentrated Load on<br>Versadjust Pedestals                | ASTM E2322                                | 200 lbs/PSF FS:3                           |
| Uniform Load on Versadjust<br>Pedestals                     | ASTM E2322                                | 1250 lbs/FS:3                              |
| Impact Load on Versadjust<br>Pedestals                      | ASTM D5420-10 modified                    | 50.6 (Joules) 10"crack, 24"<br>no collapse |
| Bond Tensile Strength<br>Bond Shear Strength                | Universal Testing<br>Load Machine         | 6.2 lbs/psi<br>2.9 lbs/psi                 |

\*Not tested for use with other thicknesses of pavers or other surface materials.