

Hydrotech® Bison Paver Tray

formerly known as Bison Paver Tray



BUILDING TRUST



GENERAL DESCRIPTION

Bison Paver Trays are square or rectangular metal trays made of weather resistant galvanized steel. Paver Trays are manufactured with a channel bent along all four sides of the tray that accepts the FS-12 Spline. The Bison Paver Tray meets ASTM E136 and ASTM E108 testing requirements as a non-combustible surface material.

BASIC USE

Bison Paver Trays provide a simple and lightweight paver backing for porcelain pavers to enhance the impact resistance and provide additional strength to paver surface materials for outdoor areas. Once the Paver Trays and porcelain pavers are bonded together using the provided 3M Adhesive, the Paver Trays attach to the tops of Hydrotech and Bison pedestals using the FS-12 Spline and fasteners, enhancing the overall stability and uplift resistance of the installation.



LIMITATIONS

- Bison Paver Trays are for use with pedestrian traffic only and are not designed for supporting decks that carry vehicular traffic or equipment, including but not limited to, motorized snow removal equipment, window washing equipment and any scaffolding structures.
- The Bison Paver Tray will not prevent any surface material (i.e., porcelain pavers) applied to the Tray from cracking, chipping, or breaking.
- Bison Paver Trays and porcelain pavers attached to fixed height or adjustable pedestals DO NOT replace proper ballasting for loose laid Styrofoam™ insulation.

SIZE

Bison Paver Trays are available in the following nominal sizes to accommodate common porcelain paver sizes typically expressed in metric units: 24"x24"; 24"x12"; 24"x16"; 24"x18"; 18"x18"; 20"x20". FS-12 Splines are 12" long with integral 3/16" paver spacer tabs to maintain paver joint width. Spline posts allow for easy sliding of the Splines in the channel between pavers tray assemblies during installation. FS-12 Splines are supplied with a set of self-tapping screws for securement to adjustable pedestals – the longer screw is used for securement to taller adjustable pedestals and the shorter screw for securement to fixed-height pedestals.

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