

Archatrak Composite Wind Uplift Tray

Wind uplift of porcelain pavers installed over a pedestal system can be mitigated by securing the pavers together in a contiguous array. The Archatrak Composite Paver Tray System uses a structural honeycomb tray bonded to the underside of each 2cm porcelain paver and mechanically secured at the pedestal heads. The interconnected assembly provides additional support beneath the pavers while helping resist uplift forces on exposed rooftop decks and terraces.

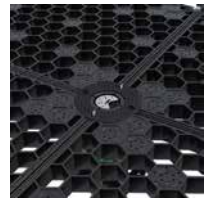
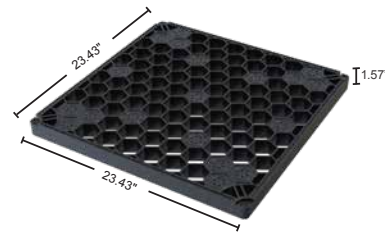
- Honeycomb composite construction provides continuous support beneath 2cm porcelain pavers.
- Tray provides added protection against fall-through in the event of paver breakage.
- Individual paver/tray assemblies can be removed for access and maintenance below the deck.
- Open-cell tray design maintains drainage beneath the paver surface.
- Composite trays can be cut at perimeter conditions to accommodate walls and other termination points.
- Compatible with Incendio adjustable-height pedestal systems for level rooftop deck installations.



COMPOSITE WIND UPLIFT TRAY

Specifications

PROPERTY	DESCRIPTION
Composite Paver Tray	Honeycomb construction
Tray Size	23.43" x 23.43" x 1.57"
Hold-Down Lock	Stainless Steel
Screw	Stainless Steel
Spacer Tabs	4 mm
Pedestals	Archatrak Incendio Steel Pedestals
Bonding Adhesive	Chemlink M1



Installation Guidelines

1. Position and level the Incendio steel pedestals according to the required paver layout and finished deck elevation.
2. Place the composite paver trays onto the pedestal heads, ensuring the trays are properly aligned and fully supported at each corner.
3. Secure adjoining tray corners to the Incendio pedestal heads using the stainless-steel hold-down locks and screws. Initially leave the connections loose enough to permit final alignment and leveling.
4. Apply the specified bonding adhesive to the designated bonding areas of each composite tray in accordance with the adhesive manufacturer's requirements.
5. Place the 2cm porcelain pavers onto the trays, aligning with the spacer tabs and maintaining consistent joint spacing. Allow the adhesive to cure before traffic.
6. Continue installation row by row, periodically checking paver alignment, joint spacing and deck level. Cut trays as required at walls, perimeter conditions and other termination points.
7. Once the deck is level and all assemblies are properly positioned, fully tighten the hold-down connections.