

PORCELAIN WIND PAVER Support Tray

Porcelain Wind Pavers can be used to create rooftop patios, gathering spaces, and walking paths. When adhered to our Paver Grate and fastened to our Pedestals, Porcelain Wind Pavers have been tested to mitigate wind flows up to 165 mph. Made for outdoor use, these pavers are slip, chemical, and fade resistant, and a no maintenance product.



PORCELAIN PAVERS

MATERIAL	Porcelain
DIMENSIONS & WEIGHT	24" x 24" x 3/4" (nominal); 23 1/2" x 23 1/2" x 3/4" (actual) / Weight: 25 lbs.
COLORS	Various colors and styles available
BREAKING STRENGTH	≥ 250 lbf (ASTM C648)

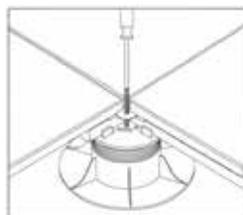
PAVER GRATE

MATERIAL	A blend of Nylon 66/6 with 30% glass
DIMENSIONS & WEIGHT	23.5" x 23.5" x 1/2" / Weight: 3 lbs. per grate

SYSTEM CONNECTIONS

PAVER TO PAVER GRATE	Henry BES, 3M 550, or equivalent plastic and porcelain adhesive
PAVER GRATE TO PEDESTAL	Fastening Kit
WIND UPLIFT RESISTANCE	-75 psf per Miami Dade TAS 114D (tested by independent lab)** 350 psf per vacuum chamber (tested by independent lab)
WIND FLOW RESISTANCE	165 mph lateral hurricane force wind (tested by independent lab)

** No safety factor. For uplift pressure resistance greater than -75 psf contact EAD sales for Maximum Wind Uplift Paver Grate.



Screw and Washer Fastening Kit: for pedestal heights > 2.5"

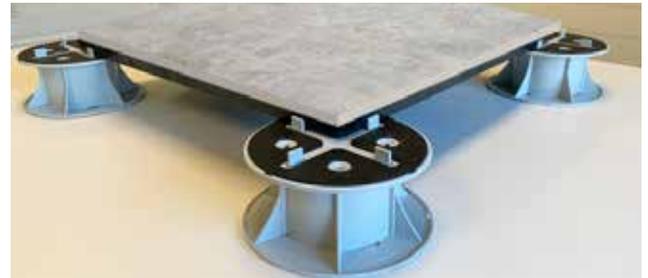
5/8th Spacer tab height required for correct paver spacing



Plastic Pin Fastening Kit: for pedestal heights < 2.5"
* not tested for wind uplift or wind flow resistance

PAVER GRATE

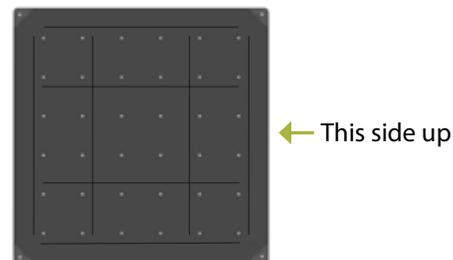
Paver Grate enhances impact resistance for porcelain pavers in pedestal applications. It also provides a structural surface for loose laid pavers on deck pedestals. Engineered to attach to the pedestals, the Paver Grate creates a stable and secure foundation and mitigates wind uplift resistance. For use with Paver Grate Fastening Kits.



ADHERING PAVER TO PAVER GRATE PRIOR TO INSTALLATION

STEP #1: Paver Grate Placement

Place paver grate on a clean, level surface, so that the solid side is face up and the waffle side is face down.



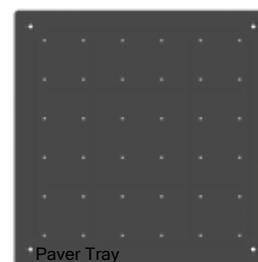
STEP #2: Adhesive

Run a 1/4" diameter bead of Henry BES, 3M 550, or equivalent plastic and porcelain adhesive 3/4" from the edge and around the perimeter of the grate and in a cross pattern in the middle of the grate. **IMPORTANT:** For proper adhesion and performance, adhesive must be applied exactly as shown.



STEP #3: Paver Placement on Paver Tray

Place the Paver squarely onto the adhesive side of the Paver Tray, carefully aligning by hand to make sure that the paver does not extend beyond any edge of the tray.



Standard 2cm porcelain Paver

STEP #4: Assembly Stacking

Repeat the first three steps to create a Paver Tray Assembly. Stack assemblies no more than (5x) assemblies high. Let them remain stacked for 2 to 4 hrs. to allow for the adhesive to cure, before handling.