

GRAVELPAVE2 CUT SHEET

Flexible Plastic Porous Pavement



PRODUCT DESCRIPTION

Gravelpave2 porous pavement allows you to park, drive, walk, or ride on a beautiful decorative gravel surface. Gravelpave2 consists of a geotextile fabric injection molded to the ring and grid structure. Gravelpave2 comes in 4 standard colors to match your aggregate fill. Gravelpave2 also requires a base course.

Gravelpave2 is a structure to provide heavy load bearing support and true containment of gravel to create a porous surface with unlimited traffic volume and/or duration time for parking. The system can be used for storage and filtration of rainwater. For example, a cross-section with an 12" deep base course (at 20% void space) and the one inch of Gravelapve2 (at 35%) would store 2.75" of rain. Although bacteria concentrations are lower than with Grasspave2, polluted runoff and vehicle drippings are consumed prior to reaching the water table.

CSI 32 12 43

Gravelpave2 is listed in the Construction Specifiers Master Spec Format in Section 32 12 43. You may also place it in the 1995 Master Format Version in section 02795.

BASE COURSE

Base thickness is determined by matching bearing capacity of existing soils with design loads. For instance, a golf cart path on sand soils may not need base course, while a fire lane over silt or expansive clay may need 12" of gravel over geogrid. Base must be determined by Engineer, or by site testing.

FILL MATERIAL

Choose your gravel fill, from local sources, to match the color of the Gravelpave2 mats, availability, and to meet the following criteria:

- Clean/Washed
- Sharp, hard and angular
- 3/16" to 3/8" uniform

COLORS

Gravelpave2 is available in 5 standard colors: Tan, Black, Granite Grey, and Terra Cotta. Non-woven geotextile fabric backing may vary depending on the supplier. Custom colors available for an additional price.

APPLICATIONS

- All Parking Aisles and Bays
- Handicap Parking Spaces
- Automobile and Truck Storage Yards
- All Service and Access Drives
- Loading Dock Areas
- Trails for Multiple Uses
- Boat Ramps
- Outdoor Bulk Storage Areas
- Infiltration Basins
- High-Use Pedestrian Areas

BENEFITS AND FEATURES

- Pervious Load Bearing Surface
- Stormwater Pollution Filtration and Treatment
- Heat Energy Reflection Reduction, "Cool" Surface
- Tree Growth within Parking Areas
- 5,721 psi Compressive Strength
- Large Rolls for Easy Installation

SPECIFICATIONS

Unit Size - 20"x 20"x 1" (50 x 50 x 2.5cm)
Unit Weight - 18oz (510 grams)
Strength - 15,940 psi (109,906 kPa)
Connector Pull Apart Strength (Tensile) - 458 lbf/in
Color - Black, Granite, Grey, Tan, Terra Cotta
Resin - 100% recycled HDPE with 3% carbon black
Shipped in Rolls (430 sq. ft. standard, other roll sizes available)

