



Gravel Containment Porous Pavement

Grasspave² Flexible Plastic Porous Pavement

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.

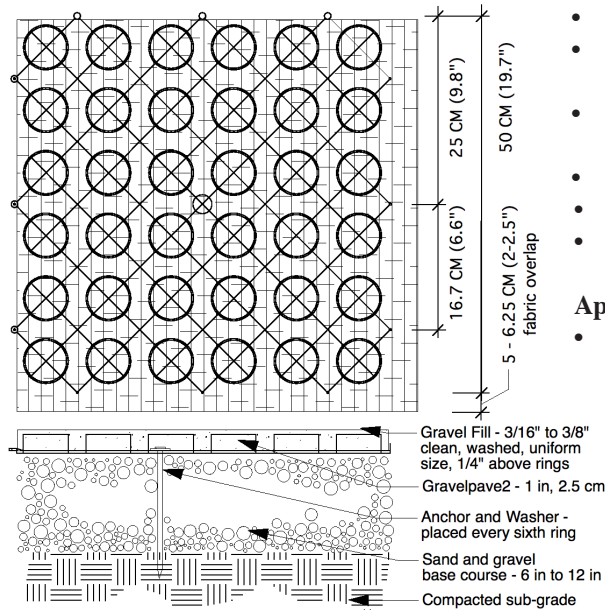
Fill Material

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 4 standard colors: Tan, Black, Gray, and Terra Cotta Non-woven geotextile fabric backing may vary depending on the supplier. Custom colors available for an additional price.



Benefits

- 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

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

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

Resin – 100% recycled HDPE

Shipped in Rolls (431 sq ft standard, other roll sizes available)

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