



# VILLA ROOT BARRIER, INC.

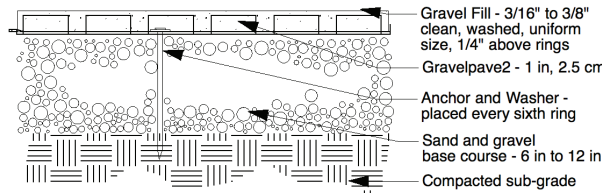
## GRAVELPAVE2 FROM INVISIBLE STRUCTURES

### Gravelpave<sup>2</sup> Flexible Plastic Porous Pavement

Gravelpave<sup>2</sup> porous pavement allows you to park, drive, walk, or ride on a beautiful decorative gravel surface. Gravelpave<sup>2</sup> consists of a geotextile fabric injection molded to the ring and grid structure. Gravelpave<sup>2</sup> comes in 4 standard colors to match your aggregate fill. Gravelpave<sup>2</sup> also requires a base course.



Gravelpave<sup>2</sup> 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 Gravelpave<sup>2</sup> (at 35%) would store 2.75" of rain. Although bacteria concentrations are lower than with Grasspave<sup>2</sup>, polluted runoff and vehicle drippings are consumed prior to reaching the water table.



### CSI 32 12 43

Gravelpave<sup>2</sup> 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 Gravelpave<sup>2</sup> mats, availability, and to meet the following criteria:

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

### Colors

Gravelpave<sup>2</sup> 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)

### Gravelpave<sup>2</sup>—Standard Product Roll Sizes

Model	Width		Length		Diameter		Area		Weight	
	m	ft	m	ft	m	ft	m <sup>2</sup>	ft <sup>2</sup>	kg	lbs
1010	1	3.3	10	32.8	0.5	1.7	10	108	22	48
2020	2	6.6	20	65.6	0.8	2.7	40	430	87	192

