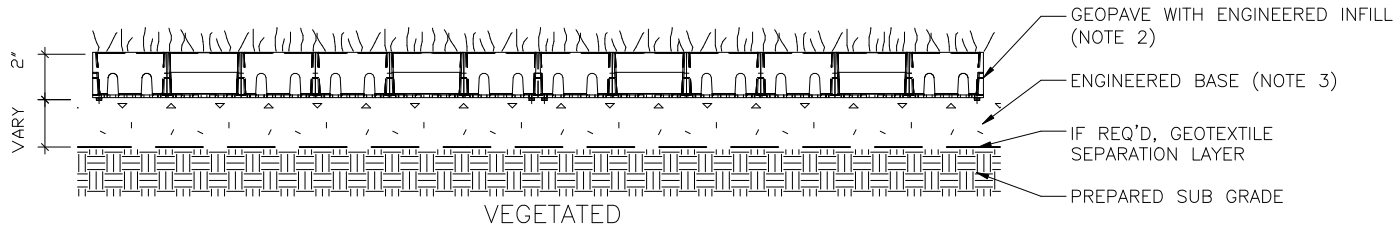


LOAD DESCRIPTION	CBR 2 - 4%	CBR > 4%	GEOPAVE MATERIAL SPECIFICATION	
			MATERIAL	UP TO 100% RECYCLED POLYETHYLENE
Heavy Fire Truck Access & H/HS25 loading. Typical 110 psi (758 kPa) tire pressure. Single axle loadings of 40 kips (178 kN). Gross vehicle weight of 90,000 lbs (40.1 MT).	6 IN (150 MM)	6 IN (150 MM)	COLOR	RANGES DARK SHADES GRAY TO BLACK
			CHEMICAL RESISTANCE	SUPERIOR
Heavy Fire Truck Access & H/HS20 loading. Typical 110 psi (758 kPa) tire pressure. Single axle loadings of 32 kips (145 kN). Gross vehicle weight of 80,000 lbs (36.3 MT).	6 IN (150 MM)	6 IN (150 MM)	CARBON BLACK FOR UV STABILIZATION, %	1.5 TO 2.0%
			UNIT MIN CRUSH STRENGTH - EMPTY @ 70F (21C)	175 PSI (1,202 KPa)
Light Fire Truck Access & H/HS15 loading. Typical 85 psi (586 kPa) tire pressure. Single axle loadings of 24 kips (110 kN). Gross vehicle loads of 60,000 lbs (27.2 MT).	6 IN (150 MM)	4 IN (100 MM)	UNIT MIN CRUSH STRENGTH - FILLED @ 70F (21C)	5,160 PSI (35,625 KPa)
			FLEXURAL MODULUS @ 70F (21C)	35,000 PSI (240,000 KPa)
Utility & Delivery Truck Access & H/HS10 loading. Typical 60 psi (414 kPa) tire pressure. Single axle loadings of 16 kips (75 kN). Gross vehicle loads of 40,000 lbs (18.1 MT).	4 IN (100 MM)	2 IN (50 MM)	NOMINAL DIMENSIONS - WIDTH X LENGTH	20 X 40 IN (0.5 X 1.0 M)
			NOMINAL UNIT DEPTH	2.0 IN (50 MM)
Cars & Pick-up Truck Access. Typical 45 psi (310 kPa) tire pressure. Single axle loadings of 4 kips (18 kN). Gross vehicle loads of 8,000 lbs (3.6 MT).	2 IN (50 MM)	NONE	NOMINAL AREA	5.38 SQFT (0.5 SQMTR)
			CELLS PER UNIT	50
Trail Use. Loading for pedestrian, wheelchair, equestrian, bicycle, motorcycle and ATV traffic.	NONE	NONE	SMALL CELL SIZE	3.25 X 3.25 IN (83 X 83 MM)
			LARGE CELL SIZE	3.25 X 6.5 IN (83 X 165 MM)
			TOP OPEN AREA PER UNIT	90.5%
			BOTTOM OPEN AREA PER UNIT	32.6%
			BOTTOM MESH OPENING SIZE	0.25 X 0.25 IN (6.35 X 6.35 MM)
			NOMINAL WEIGHT PER UNIT	7.6 LBS (3.4 KG)
			RUNOFF COEFFICIENT @ 2.5 IN/HR (64 MM) RAINFALL WITH ENGINEERED INFILL	0.10 - 0.35
			UNITS PER PALLET	46

Notes:

- This information is based on the use of GeoPave manufactured by Reynolds Presto Products, Inc. All rights reserved. Any use of this information for any rigid porous paver product other than that manufactured by Reynolds Presto Products, Inc. is strictly prohibited and makes this information invalid.
- Engineered infill is a homogenous mixture consisting of open graded crushed aggregate having an AASHTO # 5 or similar designation blended with pulverized topsoil and a void component generally containing air and/or water. This homogenous mixture will promote vegetative growth and provide required structural support. The aggregate portion shall have a particle range from 0.375 to 0.5 in (9.5 to 13 mm) and free from fines per Presto's guidelines. The percentage void-space of the aggregate portion when compacted shall be at least 30%. The pulverized topsoil portion shall equal 33% +/- of the total volume and be added and blended to produce a homogenous mixture prior to placement.
- Engineered base is a homogenous mixture consisting of open graded crushed aggregate having an AASHTO # 5 or similar designation blended with pulverized topsoil and a void component generally containing air and/or water. This homogenous mixture will promote vegetative growth and provide required structural support. The aggregate portion shall have a particle range from 0.375 to 1.0 in (9.5 to 25 mm) with a D50 of 0.5 in (13 mm). The percentage void-space of the aggregate portion when compacted shall be at least 30%. The pulverized topsoil portion shall equal 33% +/- of the total volume and be added and blended to produce a homogenous mixture prior to placement.
- A minimum 2 inch (50 mm) of engineered base should be placed below the units to act as drainage layer and infiltration area. The Engineer of Record shall be responsible for the design and stability of the open graded base course.
- If required, provide a non-woven geotextile separation layer and install in accordance with Manufacturer recommendations including overlaps based on sub grade CBR.
- Connect GeoPave panels with the U-CLIP connection device at all half wall locations, and driven completely so that adjacent sections have horizontally level profiles.
- Refer to the GeoPave Design and Construction Overview for a complete description of the design and construction methods.



REYNOLDS PRESTO® PRODUCTS, INC. 670 NORTH PERKINS STREET APPLETON, WI 54914 920-738-1342 WWW.PRESTOGEO.COM	
GEOPAVE VEGETATION INFILL POROUS PAVEMENT SYSTEM	
<small>PRESTO®, GEOSYSTEMS®, AND GEOPAVE® ARE REGISTERED TRADEMARKS OF REYNOLDS PRESTO PRODUCTS, INC.</small>	
DATE:	MARCH 2020
FILE NAME:	GEOPAVE-B2.DWG
SCALE:	NTS
SHEET:	1