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<th>CBR 2 - 4%</th>
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<td>Cars &amp; 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).</td>
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Notes:
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2. Aggregate infill shall be 0.375 to 0.5 inch (10 to 13 mm) open graded crushed aggregate with fine content less than 5% to allow for free drainage.
3. Aggregate base shall be 0.375 to 1.0 inch (10 to 25 mm) open graded crushed aggregate with fine content less than 5% to allow for free drainage.
4. A minimum 2 inch (50 mm) of aggregate 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.
5. Provide a non-woven geotextile separation layer and install in accordance with Manufacturer recommendations including overlaps based on sub grade CBR.
6. Connect GeoPave panels with the U-CUP connection device at all half wall locations, and driven completely so that adjacent sections have horizontally level profiles.
7. Refer to the GeoPave Design and Construction Overview for a complete description of the design and construction methods.

**GEOAVALE MATERIAL SPECIFICATION**

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<tr>
<th>MATERIAL</th>
<th>CHEMICAL RESISTANCE</th>
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<td>RANGES DARK SHADES GRAY TO BLACK</td>
<td>SUPERIOR</td>
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- **MIN CRUSH STRENGTH - EMPTY @ 70F (21C)**: 175 PSI (1,202 kPa)
- **MAX CRUSH STRENGTH - FILLED @ 70F (21C)**: 5,160 PSI (35,825 kPa)
- **FLEXURAL MODULUS @ 70F (21C)**: 35,000 PSI (240,000 kPa)
- **NOMINAL UNIT AREA**: 5.38 SQFT (0.5 SQM)
- **CELLS PER UNIT**: 50
- **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 (0.635 X 0.635 MM)
- **NOMINAL WEIGHT PER UNIT**: 7.6 LBS (3.4 KG)
- **RUNOFF COEFFICIENT @ 2.5 IN/HR (64 MM)**: 0 - 0.15
- **UNITS PER PALLET**: 46

**REYNOLDS PRESTO® PRODUCTS, INC.**

970 NORTH PENDINS STREET
APPLETON, WI 54914
900-728-1342
WWW.PRESTOGEO.COM

**GEOAVALE AGGREGATE INFILL**

**POROUS PAVEMENT SYSTEM**

**PRESTO®, GEOSYSTEM® AND GEOAVALE® ARE REGISTERED TRADEMARKS OF REYNOLDS PRESTO PRODUCTS, INC.**

**DATE**: MARCH 2020  **FILE NAME**: GEOAVALE-811208G

**SCALE**: NTS  **SHEET**: 1
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2. 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.
3. 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.
4. 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.
5. If required, provide a non-woven geotextile separation layer and install in accordance with Manufacturer recommendations including overlaps based on sub grade CBR.
6. 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.
7. Refer to the GeoPave Design and Construction Overview for a complete description of the design and construction methods.
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2. Drainage pipe shall be a perforated pipe, sized for expected hydraulic volume, and daylighted at a suitable location. The Engineer of Record shall be responsible for the design of the drainage system.
3. A minimum of 2 inches of base material shall be placed between the drainage system and the GeoPave panels.
4. Refer to the GeoPave Design and Construction Overview for a complete description of the design and construction methods.
Notes:
1. This information is based on the use of GeoPave and GeoPave SNAP Delineators 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.
2. Produced in high visibility colors to mark parking spaces, drive lanes, center lines or other delineation.
3. SNAP Delineators integral locking snaps function in the GeoPave unit’s square or rectangular cells at the placement density to meet visual and local agency requirements.
4. SNAP Delineators are compatible with aggregate and engineered fill materials.
5. Raised profile with diamond grid pattern aids in driver visibility and vehicle traction.
6. Refer to the GeoPave Design and Construction Overview for a complete description of the design and construction methods.

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TOP VIEW

SIDE VIEW

ISOMETRIC VIEW

INSTALLED