

SECTION 32 12 43
POROUS FLEXIBLE PAVING**PART 1 GENERAL****1.1 DESCRIPTION**

- A. The Work of this section includes, but is not limited to:
 - 1. Flexible Porous Paving
- B. Related Work specified elsewhere:
 - 1. Section 31 20 00 - Earthwork

1.2 SUBMITTALS

- A. General: Submit in accordance with Section 01 30 00.
- B. Submit material certificates attesting that each material item complies with or exceeds the specification requirements.
- C. Submit batch tickets for each load of pervious asphalt delivered to the project site.

1.3 JOB CONDITIONS

- A. Weather Limitations:
 - 1. Aggregate base courses may be placed when the air temperature is above 35 degrees Fahrenheit and rising. Do not place aggregate base course material on soft, muddy or frozen areas.
- B. Establish and maintain required lines and grades, including crown and cross-slope, for each course during construction.
- C. Take measures to control traffic to allow safe and expeditious movement of all traffic through the work area.
- D. Flexible Porous Paving installer shall employ no less than two Manufacturer-trained Flexible Porous Paving technicians on staff who directly oversee and perform the installations during all Flexible Porous Paving placement.

PART 2 PRODUCTS**2.1 FLEXIBLE POROUS PAVING**

- A. Manufacturer: **PerkEpave**, or equal; provide by **perkEpave LLC** (215) 316-6383, perkEpave.com
 - 1. Stone: Triple washed and dried coarse aggregate (1/4 to 3/8 inch) per ASTM C 33. Bagged in 50 lb. quantity.
 - 2. Nominal maximum aggregate size shall not exceed 1/3 of the specified paving thickness.
 - 3. Rubber: Recycled passenger tires ground to 1/4" nominal with wire remnants removed.
 - 4. Binding agent: urethane liquid prepolymer based upon DiphenylmethaneDiisocyanate.
 - 5. Mix Design: Using materials mix ratio as acceptable by the Manufacturer for the intended application
 - 6. The volume by weight of aggregate shall be as required by the Manufacturer for the intended application.
 - 7. Forms shall be clean and free of debris of any kind, rust, and hardened concrete and make use of a Bio-diesel or vegetable oil as a form release.