

3. Tear Strength ASTM D 624
  - a. Machine: 5.26 lbs
  - b. Cross Machine: 6.22 lbs
4. Coefficient of Friction ASTM C1028
  - a. Dry: 85
  - b. Wet: 87
5. Coefficient of Friction ASTM D 2047
  - a. Dry 1.15
  - b. Wet: .97
6. Skid Resistance ASTM E 303
  - a. Dry: 91
  - b. Wet: 49
7. Flammability ASTM D 2859
  - a. Pass
8. Water Permeability ASTM F 1551
  - a. 2245.5 Inches/Hour

## 2.05 POROUS SURFACING

- A. Porous surfacing shall be a flexible and pervious paving system that combines three components: recycled passenger car tires, aggregate and urethane binder.
- B. Porous surfacing shall be one of the following products, or approved equal:
  1. "Walk, Run, Tree Pits" as manufactured by **PerkE pave** LLC, 418 Wilson Street, Pottstown, PA 19464, 215-316-6383, [www.perkE pave.com](http://www.perkE pave.com). Local Representative: Tom Carroll, [tcarroll@perkE pave.com](mailto:tcarroll@perkE pave.com).
  2. "Flexi-Pave" as manufactured by K.B. Industries, Inc. (KBI), 4600 140th Ave. N, Suite 200, Clearwater, FL 33762. Tel 727 723 3300, [www.kbiglobal.com](http://www.kbiglobal.com). Local Representative: Jamie Cabral, [jcabral@kbius.com](mailto:jcabral@kbius.com).
- C. Components:
  1. All components, materials and compounds shall be 100% sourced and manufactured in the USA.
  2. Surfacing shall have an average depth of 1 1/2" (inches) and a composition of 50% stone aggregate and 50% chipped rubber tires by weight.
  3. Aggregate shall be triple-washed and dried coarse aggregate (1/4" to 3/8") per ASTM C 33. Nominal maximum aggregate size shall not exceed 1/3 of the paving thickness.
  4. Rubber shall be recycled passenger tires ground to 1/4" (inch) nominal with wire remnants removed.
  5. Binding Agent shall be urethane binding agent and shall be free of extender oils to prevent leaching over time. Binders that use extender oils will not be accepted.
- D. Porous surface shall meet the following requirements:
  1. ASTM C 666/C/666M Freeze-Thaw testing with no cracks or breaks through 300 cycles.
  2. Perk rate of 2000 gallons per minute per square foot or higher.
  3. ASTM D 2047 testing for slip resistance and ADA compliance.
  4. Leachate led than 6 parts per billion and containing no organic compounds or heavy metals.