

418 Wilson St Pottstown, PA 19464 · (215) 316-6383 – perkEpave.com

1) System Construction Summary

- A perkEpave sample was constructed of recycled wire-free tire chips, a washed and kiln dried stone aggregate and a urethane binder. Sample dimensions; 12" x 12" x 1.5" thick.

2) Testing Procedures

- The sample was removed from the form after it was fully cured. The sample was then wrapped tightly along the bottom and up the sides with plastic and placed back into the form to hold the plastic membrane tightly in place to assure pores within the sample are the only voids available to store water.
- Next water was poured into the sample until the water filled the pours within the perkEpave to the top of the sample with no puddling.



3) Results

- A square foot of perkEpave 1.5" thick will hold 56 oz of water.
- A cubic foot of perkEpave will hold (8 X 56 oz) 448 oz (3.5 gal) of water.
- $3.5 \text{ gal} / 7.48 \text{ gal (gal in a cu ft of water)} = .467$ void in a cu ft of perkEpave
- **Published Factor: perkEpave has a 40% void capacity**

I hereby verify that the results presented in this report were obtained on the sample as described, on said date and are believed to be accurate representations of the performance of the perkEpave paving system.

Thomas E Carroll
March 4, 2021