

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

1) System Construction Summary

- A 10" diameter by 2" thick sample of perkEpave was poured into a 5-gallon bucket with the bottom of the bucket removed. Sample 10" diameter – 78.5 sq. in - .545 sq. ft



2) Testing Procedures

- A second 5-gallon bucket was filled with water. This bucket of water was poured into the bucket containing the perkEpave sample and the time it took to flow through the sample was clocked and repeated 5 times. The time recorded ranged from 10.5 seconds to 12.35 seconds. For testing purposes and to be conservative in calculating the permeability 15 seconds is being used in determining the results.



3) Results

- 5 gallons of water will pass through .545 square ft of perkEpave in 15 seconds.
- Therefore 5 gallons of water will pass through 1 sq. ft in 8.175 seconds (conservatively 5 gallons of water will pass through 1 sq. ft of perkEpave in 9 seconds)
- 3,600 seconds in 1 hour divided by 9 = 400 x 5 = 2,000 gallons
- **Published Factor: perkEpave has a permeability rate greater than 2,000 gallons per hour per square foot.**

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

May 4, 2021