



## INFILTRATION RATES

According to a University study, Permeable Interlocking Concrete Pavers have a surface infiltration rate of 900 inches per hour, when they are set with gravel (no fines). The rate drops dramatically to 1.6" per hour when those same pavers are sand set.

### STUDY ON THE SURFACE INFILTRATION RATE OF PERMEABLE PAVEMENTS (1)

**Table 2: Average surface infiltration rates for permeable pavements tested.**

<u>Pavement Type</u> (One in./hr = 1.008 cfs/ac)	<u>in./hr</u>
<b>Permeable Interlocking Concrete Pavers (no fines)</b>	<b>900</b>
<b>Permeable Interlocking Concrete Pavers (near fines)</b>	<b>1.6</b>
<b>XERIPAVE</b>	<b>5220</b>

While Xeripave pervious pavers were not included in the study, on a direct comparison, Xeripave has a dramatic **infiltration rate of 5,220 inches per hour** when gravel set. That is nearly **6 times the volume** of concrete pavers! Or in other words, you would only have to use 1/6<sup>th</sup> the surface area of Xeripave on your project to achieve the same performance as gravel set concrete pavers.

### **How would that affect your job costs?**

Contact us for high-performance, cost effective solutions for your stormwater issues.

### **XERIPAVE PERVIOUS PAVERS**

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*(1) May 26, 2004*

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*(2) Test results for Xeripave from Permeability of Porous Materials, Falling Head Test, Videro Derived Sample, Sept 28<sup>th</sup>, 2006*