

Permeable Paver Infiltration Rates

BACKGROUND

Testing was done in accordance with **ASTM C1781 Standard Test Method for Surface Infiltration Rate of Permeable Unit Pavement Systems**, which involves placing an infiltration ring on the surface of the pavement and measuring the time taken for a set volume of water to infiltrate through the surface area within the ring. Test results are subject to correction based on the normalization of drainage area within the infiltration ring to the average drainage area of the pavement as a whole (See Appendix of ASTM C1781).

An ASTM #8 stone was used for the Joint and Bedding Material.

TEST RESULTS

Product	Pattern	Open Area (%)	Infiltration Rate (in/hr)
Enviro Midori	120x240 Herringbone	10.1	618
	120x240 Herringbone (half pieces removed)	9.02	552
	Random	5.82	356
Enviro Passagio	Random	7.31	564
Hydr'eau Pave	Random	7.29	610

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