



STORM WATER MANAGEMENT SOLUTIONS

TECHNICAL DATA

TEST CERTIFICATES

Compressive Strength

mean: 9,690 psi // 66.8 MPa

Complies with and satisfies both: CSA A231.2-14 and ASTM C936

H2O-The American Association of State Highway Transportation Officials (AASHTO)

Based on these tested results, the hydroPAVERS® satisfy and exceed the requirements of H2O Standards for heavy vehicles.

Dimensional Checks

In accordance with Section 7.4 of CSA 231.2-14, mean: 55.1mm x 299.7mm x 299.2mm

Density and Absorption

In accordance with CSA A23.2-11C, mean: Absorption % 6.9, SSD Density (kg/m3) 2,034

Infiltration Rate

In accordance to ASTM C1781, average: 2,240 mm/hr (88.2 inches /hr) or (1.47 inches/min)

Freeze/Thaw and De-icing Durability

In accordance with Section 7.3 of CSA A231.2-14. The material loss from the specimens after 49 freeze/thaw cycles was negligible and meets the requirements. Visually, there was no change in the condition of the specimens and the test specimens are in very good condition.

ADA—Americans with Disabilities Act

After reviewing the ADA Standards for ground surfaces, the hydroPAVERS® meet the ADA requirements.

Water Retention

6L/m2 or 0.15 US Gallons /square foot. The hydroPAVERS® will absorb a 1/4" rain event.

DAVROC TESTING LABORATORIES FILE: L16-0591MT

SIZE	PAVER SURFACE AREA	WEIGHT
100mm x 200mm x 55mm / 3.94" x 7.78" x 2.17"	0.215 sq. ft / .02m ²	1.9 kg / 4.2 lbs
200mm x 200mm x 55mm / 7.78" x 7.78" x 2.17"	0.431 sq. ft / .04m ²	3.8 kg / 8.38 lbs
150mm x 300mm x 55mm / 5.91" x 11.81" x 2.17"	0.484 sq. ft / .045m ²	4.6 kg / 10.05 lbs
300mm x 300mm x 55mm / 11.81" x 11.81" x 2.17"	0.969 sq. ft / .09m ²	8.9 kg / 19.62 lbs
300mm x 600mm x 55mm / 11.81" x 23.62" x 2.17"	1.938 sq. ft / .18m ²	19 kg / 39.68 lbs

hydroPAVERS®



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