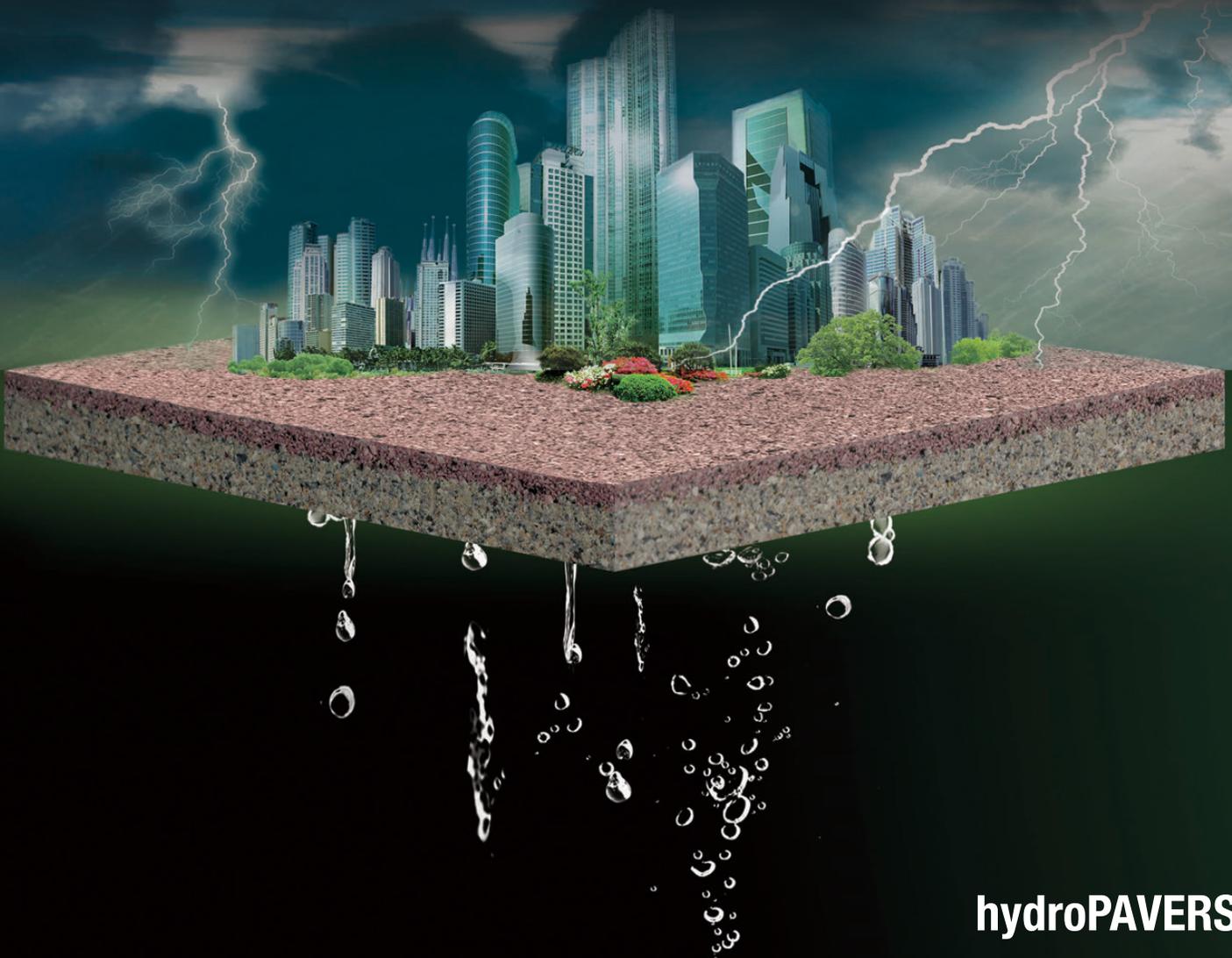


# STORM WATER MANAGEMENT SOLUTIONS



hydro  
PAVERS®

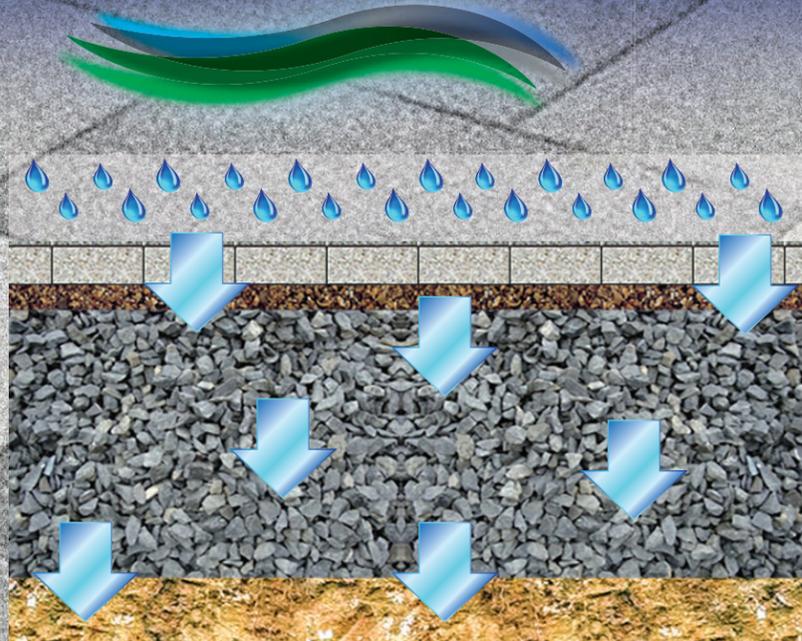


[hydroPAVERS.ca](http://hydroPAVERS.ca)



# hydroPAVERS® The Ideal Storm Water Solution

Combining Water Retention and Drainage in a Revolutionary Beautiful Paver.



Our **hydroPAVERS®** work by absorbing a ¼” rain event into the paver, then as the paver becomes saturated, the remaining water drains into the aggregate bedding and base layers, at the rate of 1½” of water per minute.



Our **hydroPAVERS®** are ideal for public parks, amusement parks and virtually any outdoor areas where people walk or park vehicles.



**hydroPAVERS®** keep areas dryer even during heavy rains. Once the rain stops, you will be able to resume your activities without waiting for the puddles to disappear.

Using our **hydroPAVERS®** will avoid paths that require you to jump over or walk through puddles. Also eliminate the safety risks with our skid resistant **hydroPAVERS®**



As the water washes over hard surfaces, it can take debris and pollutants along with it straight into our sewer systems. This put addition strain on our water treatment plants, and in certain conditions, can lead to flooding.

Our **hydroPAVERS®** are an excellent solution for reducing, filtering and delaying stormwater runoff in applications ranging from walk-ways, alleyways, parking areas, courtyards and parks. Suitable for all new commercial, municipal and residential projects in addition to replacement, resurfacing and upgrading non pervious areas.

Our **hydroPAVERS®** satisfy Low Impact Development requirements, reduce heat island effect and absorb noise.



**NOT** Slippery When Wet



**hydroPAVERS®** are available in a variety of colours, shapes and sizes, which have been designed to suit all paving, landscaping, construction and design needs.





# STORM WATER MANAGEMENT SOLUTIONS



OFF WHITE—002A



BROWN—006



COFFEE—020



DARK GREY—003



CHARCOAL—004



RED—005



SAND—009B



INDIAN RED—017



TACTILE—Various Colours

BLUE—012

## 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/m<sup>3</sup>) 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/m<sup>2</sup> 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 <sup>2</sup>	1.9 kg / 4.2 lbs
200mm x 200mm x 55mm / 7.78" x 7.78" x 2.17"	0.431 sq. ft / .04m <sup>2</sup>	3.8 kg / 8.38 lbs
150mm x 300mm x 55mm / 5.91" x 11.81" x 2.17"	0.484 sq. ft / .045m <sup>2</sup>	4.6 kg / 10.05 lbs
300mm x 300mm x 55mm / 11.81" x 11.81" x 2.17"	0.969 sq. ft / .09m <sup>2</sup>	8.9 kg / 19.62 lbs
300mm x 600mm x 55mm / 11.81" x 23.62" x 2.17"	1.938 sq. ft / .18m <sup>2</sup>	19 kg / 39.68 lbs

hydroPAVERS®



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