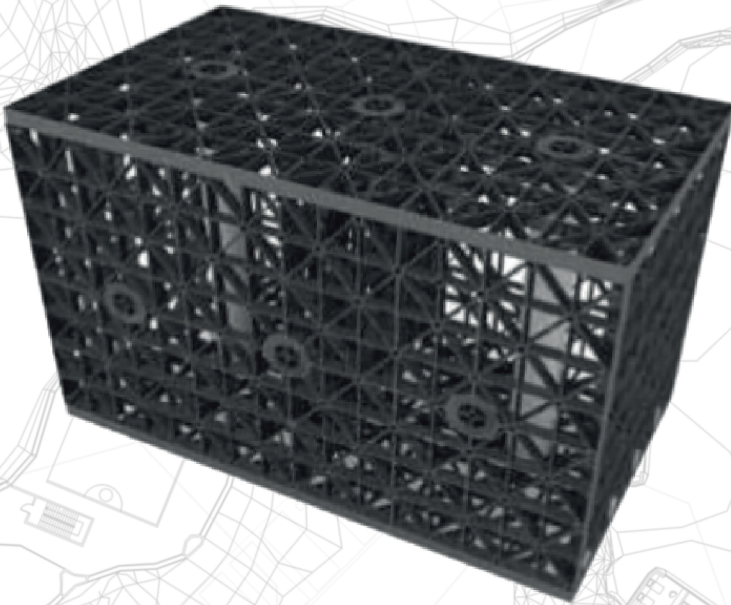




# CORE WATER

BY CORE LANDSCAPE PRODUCTS

LANDSCAPING ALTERNATIVES FOR A SUSTAINABLE FUTURE



INFILTRATION | ATTENUATION | STORMWATER  
RETENTION GRATE

Certified



Corporation



FOR THE  
PLANET



CORELANDSCAPEPRODUCTS.CA

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by



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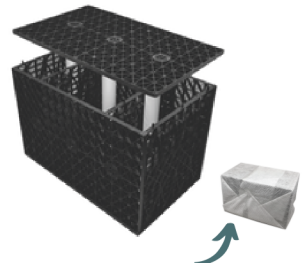
CORE Water is an easy solution for stormwater retention, attenuation, and infiltration for commercial and residential projects. The design helps relieve pressure on water drainage systems, acting as an underground reservoir during rainfall. Rainfall is collected within the system and slowly returned to the earth at a natural rate which helps to avoid waterlogging. CORE Water is an easy to assemble crate and can be used in various applications, such as under driveways, garden beds, and more. In addition, CORE Water is compliant with SUDS (Sustainable Urban Drainage Systems), making it a green solution for projects.

## BENEFITS OF CORE WATER

- 💧 Flood mitigation with effective storm water management
- 💧 Sediment prevention with a 80 gsm infiltration membrane
- 💧 Superior structural integrity
- 💧 Easy to assemble + affordable
- 💧 Simple lightweight design

Retail \$129USD

FREE SHIPPING



wrapped in the provided non-woven geotextile

## SOAKAWAY CALCULATION

Calculate the size of soakaway required:

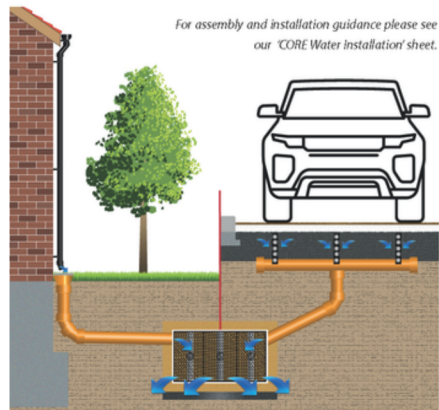
$$\text{Soakaway Volume} = \text{Area} \times (\text{Rainfall Rate} / 3000)$$

For a standard 60m<sup>2</sup> roof or driveway, the calculation would be:

$$60\text{m}^2 \times (50\text{mm} / 3000) = 1\text{m}^3 \text{ volume}$$

This means you would require **5** CORE Water crates for 1m<sup>3</sup> soakaway.

Install 1 crate per every 10-12m<sup>2</sup> of area to be drained



For assembly and installation guidance please see our 'CORE Water installation' sheet.



## TECHNICAL SPECIFICATION

<b>Material:</b>	Recycled Polypropylene
<b>Crate Dimensions:</b>	800 x 540 x 500mm
<b>Wall Thickness:</b>	17mm
<b>Cubic Area of Crate:</b>	0.216m <sup>3</sup>
<b>Membrane:</b>	Non-woven 80gsm
<b>Crate Weight</b>	20 lbs
<b>Chemical Resistance:</b>	Excellent



### Note:

CORE Water's performance is dependant on the porosity/infiltration rate of the surrounding subsoil. Installation in heavy clay soil should be avoided.

If creating multiple crate soakaways, ensure these are installed in areas that do not receive vehicular traffic.

## Assembly Guide

