



CORE6 Systems

Sustainable designs inspired by nature.

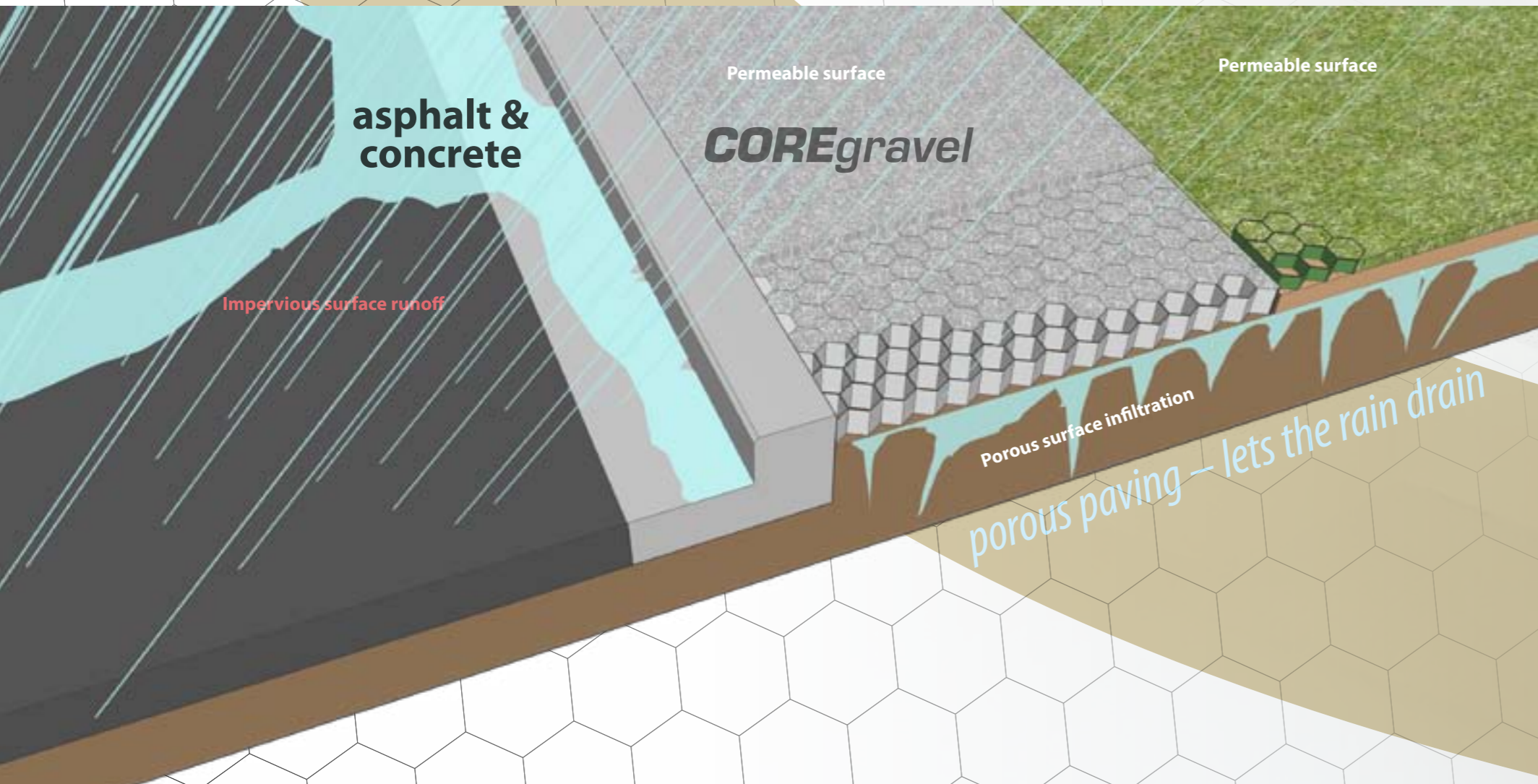


what are core6 systems?

sustainable designs inspired by nature

inspired by nature

Honeycomb that honey bees build is unmatched in strength for its weight and a source of inspiration for CORE6™ Systems.



ABOUT CORE6 SYSTEMS DESIGNS

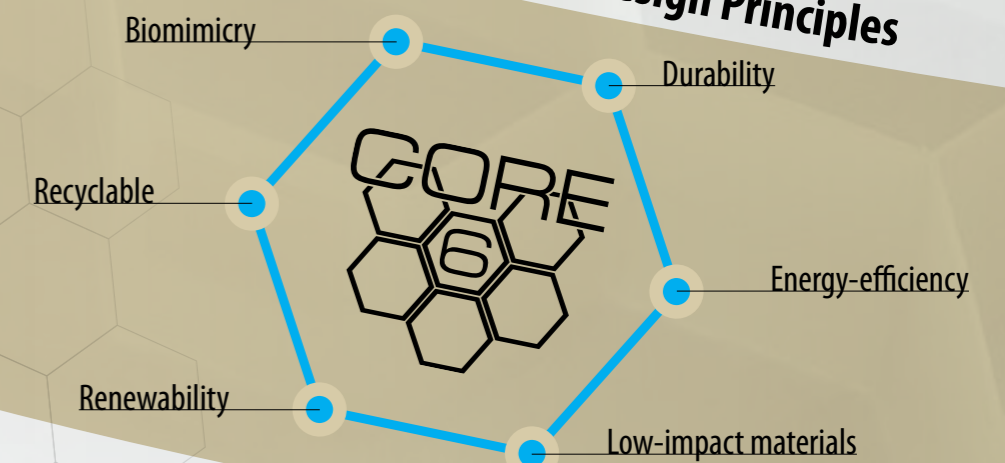
Engineering and design are keys to building a superior product. Our CORE6™ Systems research and development department is constantly working to improve our already successful designs. In addition to creating new products, we often look to nature for inspiration, and we employ the use of the latest techniques and materials to bring the best products to market quickly. Our original designs have been recognized throughout the world as symbols of strength, quality and innovation.

Tracking market trends and spotting opportunities allow us to use our capabilities and expertise to improve the quality of people's lives in ways that are also commercially attractive for us and our customers. Also, by interacting with the extensive external know-how partners in universities and other industry research institutes, we are active at the forefront of today's most promising developments.

Environmentally-conscious design is integral to our vision to comply with the principles of economic, social, and ecological sustainability. Humbly acknowledging the need for responsible use of natural resources, it is important to us that CORE6™ products require a minimum of non-renewable resources, as well as impact the environment minimally. Manufacturing eco-friendly products that relate people with the natural environment is our passion.

COREgravel® and COREgrass™ are porous across the entire surface, offering better drainage than concrete, asphalt and even other permeable paving.

CORE6™ Sustainable Design Principles



CORE6 Systems are leading the way in sustainable landscaping solutions.

Here's how:



Stormwater BMP

These completely porous surfaces allow the rain to drain through, therefore reducing the need for stormwater management infrastructure.



Valuable cooling effect

Reduce and mitigate urban heat island effects with these low-impact development practices allowing more vegetation and less concrete and asphalt.



Reduce risks of flooding

Flooding risks are reduced with every square foot of porous surfaces, since parking spaces account for over half of all non-porous development.



Improve quality of groundwater

Through bio-filtration these porous paving surfaces are more efficient at removing NPS pollutants and improving the quality of runoff while maintaining infiltration.



Recycled Plastic

Made of recycled polypropylene plastic for sustainability as well as lower costs, our products can also be repurposed and recycled at the end of their life-cycle.



Sustainable business

Helps businesses to "meet the needs of the present world without compromising the ability of the future generations to meet their own needs." – UN General Assembly (1987)



Sustainable homes

A key in reducing environmental impact with green building, by addressing efficient handling of water, as well as reducing pollution and environmental degradation.



Increase quantity of groundwater

The underlying stone reservoir temporarily stores surface runoff before infiltrating directly into the subsoil, reducing the exposure to the sun and heat, ensuring maximum infiltration.



LEED & SUDS compliant

Used in SUDS and LEED compliant porous paving BMPs for ideal draining and minimal environmental impact.



ADA compliant

Used in ADA disability compliant surfaces for pedestrians, bicycles, & wheelchair traffic.

Porous Paving: a Stormwater BMP

Permeable paving surfaces have been demonstrated as effective in managing runoff from paved surfaces. Large volumes of urban runoff causes serious erosion and siltation in surface water bodies.

- Reduce stormwater runoff (to near 100%)
- Increase groundwater infiltration
- Reduce erosion problems caused by flooding
- Protect and recharge groundwater
- Reduce pollution and improve water quality through natural filtration
- Increase the quantity of quality water
- Preserve quality of local surface waterways
- Provide a valuable cooling effect

Permeable paving surfaces keep the pollutants in place in the soil or other material underlying the roadway, and allow water seepage to groundwater recharge while preventing the stream erosion problems. They capture the heavy metals that fall on them, preventing them from washing downstream and accumulating inadvertently in the environment. In the void spaces, naturally occurring micro-organisms digest car oils, leaving little but carbon dioxide and water; the oil ceases to exist as a pollutant. Rainwater infiltration its built-in stormwater management, is usually less than that of an impervious pavement with a separate stormwater management facility somewhere downstream.

Porous pavements give urban trees the rooting space they need to grow to full size. A "structural-soil" pavement base combines structural aggregate with soil; a porous surface admits vital air and water to the rooting zone. This integrates healthy ecology and thriving cities, with the living tree canopy above, the city's traffic on the ground, and living tree roots below.



COREgravel® & COREgrass™: A True 100% Porous Surface

Water runs through the gravel and geotextile membrane across the entire surface so COREgravel® is a true porous paving product that can be used in ADA-compliant surfaces for pedestrians, bicycles, & wheelchair traffic. A Stormwater Best Management Practice (BMPs) designed to reduce stormwater volume, peak flows, and/or non-point source pollution through evapotranspiration, infiltration, and/or detention. Also, address a wide range of erosion control, earth retention, slope protection, and stability issues.

COREglow™: Lighting without electricity

Eco-friendly lighting that requires no electricity and no power, COREglow™ is the bright choice. Saving our natural resources is important to us, so a renewable light source that has no carbon emissions will not only save money, but the save the environment around us. All COREglow™ products are non-radioactive, non-toxic and requires no electricity and thus no wires, no power supply and no batteries. This saves natural resources and is truly environmentally friendly.

COREwater™: Reuse the rain

For Rainwater Harvesting, Infiltration & Detention applications our COREwater™ modular tank systems use surface and underground infiltration techniques, resulting in clean water that can be re-used or allowed to re-enter the natural water system.

LEED

LEED® (Leadership in Energy and Environmental Design) is a national "Green" building assessment system developed by the United States Green Building Council (USGBC) to encourage and accelerate global adoption of sustainable green building and development practices. By defining green building through a common standard of measurement, LEED promotes integrated, whole-building design practices and helps raise awareness of green building benefits. LEED evaluates and rates the environmental performance of new and existing commercial, retail, institutional, educational and high-rise residential buildings over a project's life cycle. Developments incorporating LID practices, including permeable pavements, earn points toward this rating system and support the principles of a "Green Infrastructure" through the EPA. The higher the rating, the greater the impact on our ecology and future as whole.

SUDS

"The aim of the SUDS approach is to mimic as closely as possible the natural drainage from a site before development and to treat runoff to remove pollutants. Adopting a holistic approach towards surface water drainage provides the benefits of combined water quality and quantity control, as well as increased amenity value. This is accomplished by managing the increased flows and pollution from surface water runoff that can arise from development, ideally utilizing a management train to achieve an equal balance of quantity, quality and amenity." –CIRIA

Our products are compatible with Sustainable (Urban) Drainage Solutions. CORE6™ Landscape Systems are porous surfaces. SUDS can be either porous or permeable. The important distinction and advantage between the two is: Porous surfacing is a surface that infiltrates water across the entire surface.



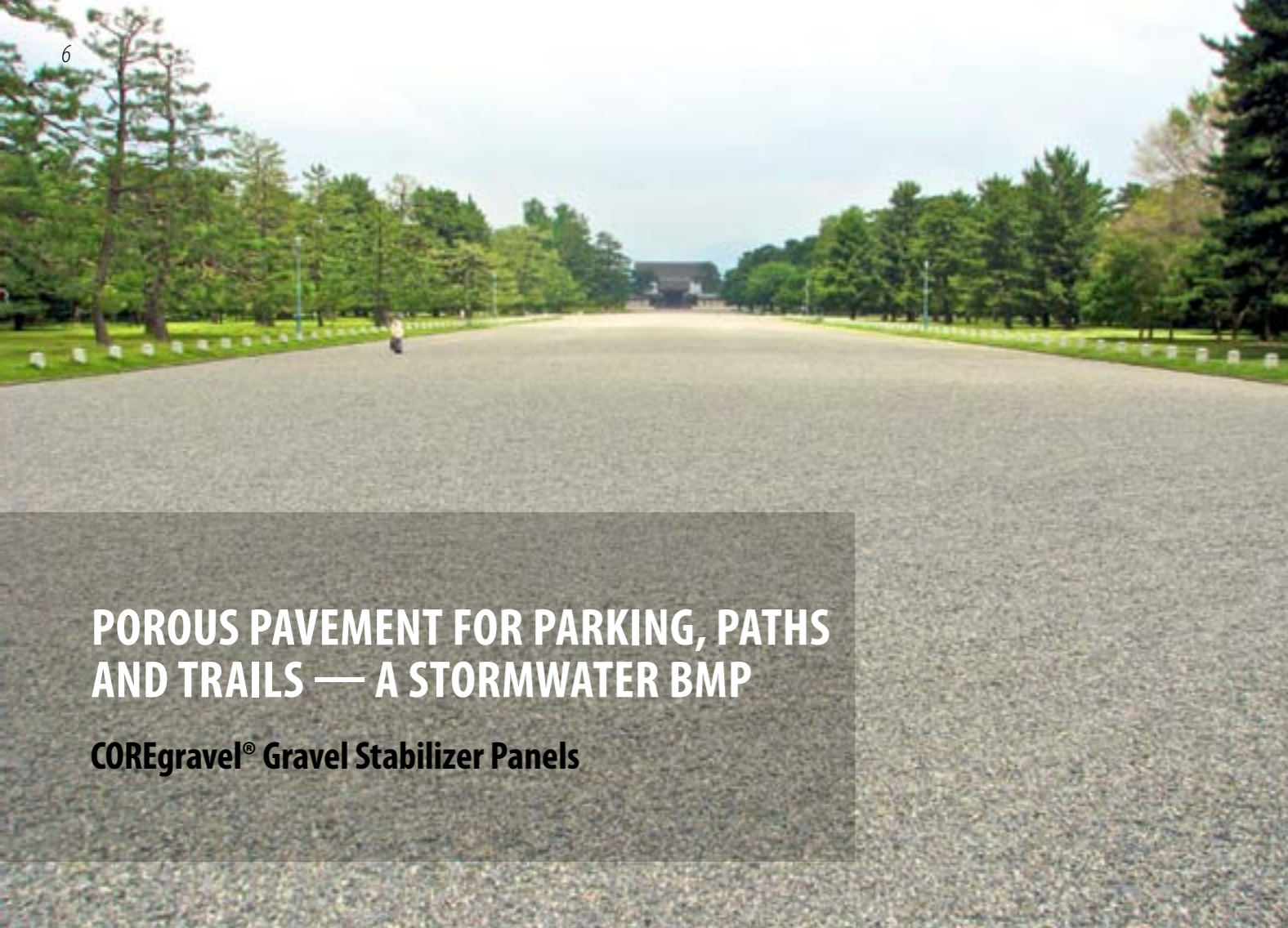
References:

- CIRIA (The Construction Industry Research And Information Association) ciria.org
- Brattebo, B. O., and D. B. Booth. 2003. "Long-Term Stormwater Quantity and Quality Performance of Permeable Pavement Systems."
- United States Environmental Protection Agency (EPA). Washington, D.C. "Field Evaluation of Permeable Pavements for Stormwater Management, Olympia, Washington."

Pavement Comparison

CORE6 Environmentally Sustainable Benefits (LEED Credits*)	Concrete	Asphalt	Permeable Block Pavers	COREgravel®	COREgrass™	COREglow™	COREwater™
Direct Stormwater Infiltration to reduce runoff quantity (SS 6.1)	None	None	Partial	✓	✓	n/a	n/a
Direct Stormwater Storage in Cross-section to reduce runoff quantity (SS 6.1)	None	None	Partial	✓	✓	n/a	✓
Slow Stormwater Surface Flow Rate and Horizontal Migration (SS 6.1)	None	None	Partial	✓	✓	n/a	✓
Improve Stormwater Quality & Treatment of NPS via natural filtration (SS 6.2)	None	None	Partial	✓	✓	n/a	✓
Reduce Heat Island Effects with low SRI index on roof & non-roof areas (SS 7.1)	None	None	Partial	✓	✓	n/a	n/a
Water Efficient Landscaping (WE 1)	None	None	Partial	✓	✓	n/a	✓
Innovative Wastewater Technology to reduce potable water demand and wastewater generation (WE 2)	None	None	Partial	✓	✓	n/a	✓
Construction Activity Pollution and Erosion Prevention (SS Pre 1)	None	None	None	✓	✓	n/a	n/a
Materials Reuse to reduce demand for virgin materials and resources (MR 3)	None	None	None	✓	✓	n/a	✓
Recycled Content (MR 4)	None	None	None	✓	✓	n/a	✓
Protect or Restore Habitat for Site Development (SS 5.1)	None	None	Partial	✓	✓	n/a	✓
Maximize Open Space for Site Development (SS 5.2)	None	None	Partial	✓	✓	n/a	✓
Optimize Energy Performance in buildings via cool roofs and reduced solar reflection (EA 1)	None	None	Partial	✓	✓	n/a	✓
ADA-compliant surface	✓	✓	✓	✓	✓	n/a	n/a

* Check with local organizations, and accredited professionals for exact details and accuracy, this is a general guide for most locations. 'LEED' and related logo is a trademark owned by the U.S. Green Building Council®.



POROUS PAVEMENT FOR PARKING, PATHS AND TRAILS — A STORMWATER BMP

COREgravel® Gravel Stabilizer Panels



Key Applications:

- Parking Lots
- Overflow, Stadium and Event Parking
- Church Parking
- Residential Driveway
- Utility Access & Trailer Parking
- Pedestrian Walkways "Cow Paths"
- Handicap Parking
- Emergency Access
- Infiltration Basin Reinforcement
- Golf Cart Paths
- Erosion Control
- Helicopter Landing Pads
- Airplane Transport Areas



COREgravel leads the way in natural porous paving.

COREgravel® GRAVEL STABILIZER PANELS

Affordable, hassle-free gravel paving.

Part of a natural porous paving system, just add gravel to the interlocking panels of hexagon cells and you have an eco-friendly surface that costs less than asphalt, concrete, or block pavers. COREgravel® solves the problems of aggregates sinking, migrating, and forming ruts without stabilization. COREgravel® Gravel Stabilizer is the core of hassle-free gravel paving for all types of vehicle or pedestrian traffic with no compromise in strength and durability.

The best choice for Low-impact Development

COREgravel® gravel stabilizer panels are made from recycled or virgin PP (polypropylene) material, and the underside incorporates a durable geotextile that prevents weed growth without sacrificing drainage. Both LEED and SUDS compliant, this stormwater BMP reduces stormwater runoff significantly as well as mitigates urban heat-island effects. Able to address a wide range of erosion control, earth retention, slope protection, and stability issues, COREgravel® is also used in ADA disability compliant surfaces for pedestrians, bicycles, & wheelchair traffic. A 100% porous solution that is leading the way in sustainable and low-impact paving.

Top 5 Benefits

- Gravel stays put, no ruts, no sinking, no problems.
- Environmentally Green porous paving surface.
- It's Beautiful with stunning curb appeal.
- Low Cost, less than asphalt, concrete, or pavers.
- Easy to install, in just four easy steps.



- **Material:** Recycled or Virgin PP
- **Colors:** White, Grey, Black, custom also available
- **UV & Chemical Resistant**
- **Membrane:** 50g/m Geotextile

COREgravel panels lock together for added stability on slopes and grades.



Applications



Commercial Lots Golf Courses Playgrounds Equestrian Courtyards Parks & Gardens Parking Lots Estate Walkways Trailer and RV Parking Patios

COREgravel



Solid Features

- Super strong, enhanced load bearing causes no ruts, separating or sliding with vehicle traffic.
- Address a wide range of erosion control, earth retention, slope protection, and stability issues.



- Keep maintenance costs low with easy upkeep and use less gravel, since the gravel won't wash away.
- Used in ADA-compliant surfaces for pedestrians, bicycles, & wheelchair traffic.
- Geotextile backing underneath prevents weed growth and adds to stability.

- When filled, the product is practically invisible.
- Easily add parking lines and edge indicators with COREmarker™ and glow-in-the-dark marking caps.
- Used in SUDS and LEED compliant paving installations.



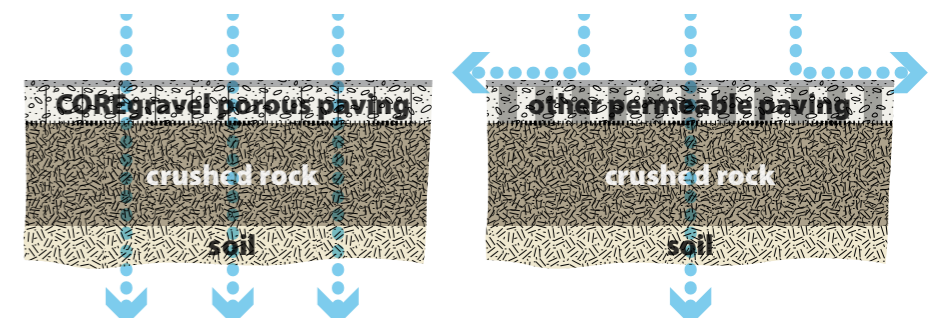
Before & After

Residential parking areas always look neat and clean with COREgravel. Reduce the amount of gravel needed for a new installation by over half and since no tire ruts form in the stabilized gravel so there is no need for constant leveling or additional gravel. Also the geotextile attached prevents weed growth, a win-win for porous paving.



A Stormwater BMP

Permeable paving systems reduce the need for traditional stormwater infrastructure; therefore reducing overall project costs associated with installation and maintenance of typical stormwater drainage systems, thus, creating a surface that is superior to other types of pavement, with a lower life-cycle cost.

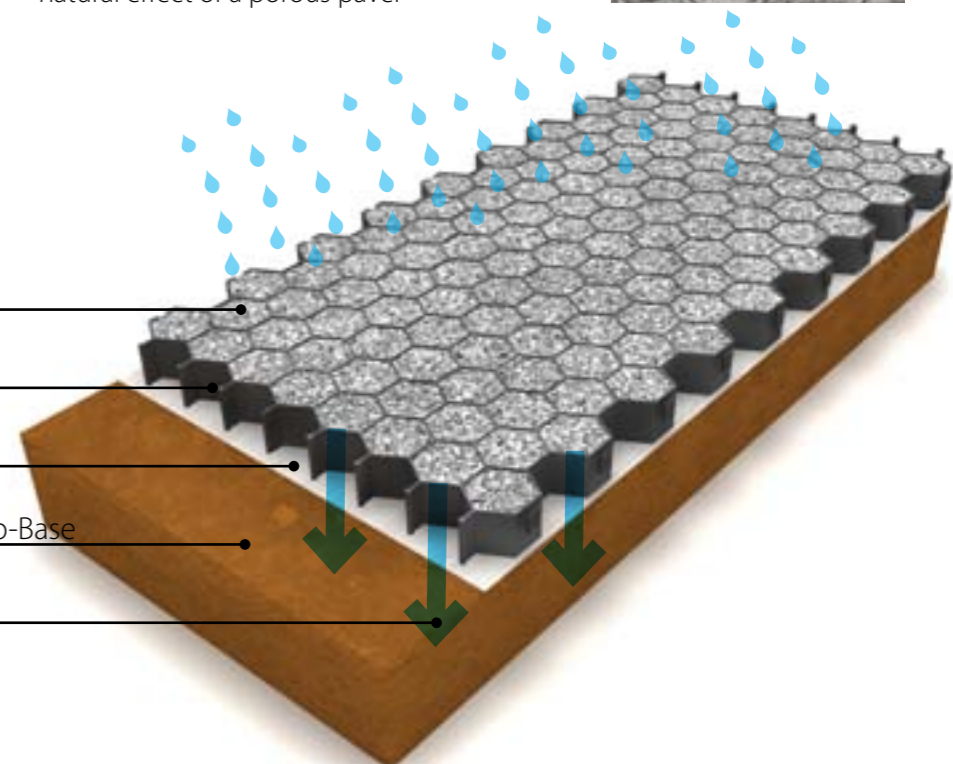


Environmentally friendly in design, function and material. Many plastic grass grids on the market lack the strength necessary to last and absorb high levels of traffic; not so with our honeycomb design. You will find COREgravel® provides amazing stability, a sustainable drainage model as well as providing the desirable visual and natural effect of a porous paver



100% Porous

- Gravel
- COREgravel
- Geotextile Prevents Weeds
- Soil + Optional Crushed Rock Sub-Base
- Water Permeates Entire Surface



Easy to Install

COREgravel



1 BASE PREPARATION. For subgrade or base preparation, level and clear the area of large objects such as rocks, or pieces of wood. Excavate area allowing for unit thickness and top layer. Leave 50 mm (2.0 inches) for COREgravel® 38-40 and 50-40 and top layer to meet final grade. For COREgravel® 38-30 leave 40 mm (1.6 inches). For subgrade soil compaction a vibratory plate, compactor, or roller is recommended.

2 PLACE THE PANELS. Position the panels on the prepared subgrade with geotextile face down. Cut to shape with pruning shears or a utility knife. Use protective gloves to avoid abrasions. Top of hexagon cell panels should be 1 cm

below adjacent hard surfaced pavements or final grade. Place first row of panels against a stationary edge if possible. Stagger panels in a bricklayer pattern. The panels have interlocking connectors, however most installations do not require them to be used. Only in areas with greater traffic or steeper grade are they used to lock one direction or both directions. No anchors are needed for gravel stabilizer panels since the geotextile backing prevents any push up.

3 FILL THE CELLS. Infill gravel or aggregate into the hexagon cells by hand, or by 'back dumping' directly from a truck. Trucks should be careful to avoid sharp turns on unfilled panels. Preferably the truck would dump gravel first

on the edge of the installation area, then working inward, therefore only driving on filled cells. Gravel can be spread by hand with flat shovels, asphalt or tarmac rakes, blades, or stiff brooms. A power broom may spread the gravel faster.

4 SMOOTH SURFACE. Level gravel or aggregate to cover COREgravel® gravel stabilizer panels by 1 cm (0.4 inches) so the panels are just out of sight. This allows for aesthetics, stability and protection. Optionally, a vibratory plate, compactor, or roller can be used to set the gravel into the cells.



Glow-in-the-dark COREmarker™ makes it easy to delineate parking space lines.



Glowing caps for power-free luminescence

COREmarker™ Delineation

The ONLY real solution for marking gravel, with COREmarker™ defining parking space lines or pathway edges is simple and easy.

The easily visible, yet unobtrusive COREmarker™ fits snugly into the COREgravel® or COREgrass™ stabilizer panels.

What about at night? We went a step further and created a glow-in-the-dark marker that lights up at night without power, electricity or wires.

Shipping Specifications

Flexible sizes are available to fit every application. In addition to our Medium and Jumbo standard sheet sizes, custom sizes may also be available. Save on shipping costs with combined shipments of product, including Chinese stone, making for convenient delivery worldwide.



COREgravel 38-18 retail packaging

Specifications Model	Cell Diameter / Height / Wall	Weight per m ²	Sheet Area MEDIUM / JUMBO	Sheets per Pallet* MEDIUM / JUMBO	40'HQ Container Quantity	Sheet Dimensions	
						MEDIUM	JUMBO
COREgravel 38-18R	38 mm / 18 mm / 1 mm (1.5 in / 0.7 in / 39 mil)	1.1 kg (2.4 lbs)	0.92 m ² / 2.76 m ² (9.9 ft ² / 29.7 ft ²)	135 / 67	3,726 m ² (40,106 ft ²)	1150 x 800 mm (45.3 x 31.5 in)	2300 x 1200 mm (90.6 x 47.2 in)
COREgravel 38-25/R	38 mm / 25 mm / 1.2 mm (1.5 in / 1.0 in / 47 mil)	1.5 kg (3.3 lbs)	0.92 m ² / 2.76 m ² (9.9 ft ² / 29.7 ft ²)	96 / 48	2,649.6 m ² (28,520 ft ²)	1150 x 800 mm (45.3 x 31.5 in)	2300 x 1200 mm (90.6 x 47.2 in)
COREgravel 38-30	38 mm / 30 mm / 1 mm (1.5 in / 1.2 in / 39 mil)	1.3 kg (2.9 lbs)	0.92 m ² / 2.76 m ² (9.9 ft ² / 29.7 ft ²)	96 / 48	2,188.8 m ² (23,560 ft ²)	1150 x 800 mm (45.3 x 31.5 in)	2300 x 1200 mm (90.6 x 47.2 in)
COREgravel 42-30	42 mm / 30 mm / 1.2 mm (1.7 in / 1.2 in / 47 mil)	1.8 kg (4.0 lbs)	0.96 m ² / 2.88 m ² (10.3 ft ² / 31 ft ²)	80 / 40	2,188.8 m ² (23,560 ft ²)	1200 x 800 mm (47.2 x 31.5 in)	2400 x 1200 mm (94.5 x 47.2 in)
COREgravel 50-35HDR/R	50 mm / 35 mm / 2 mm (2.0 in / 1.4 in / 79 mil)	2.9 kg (6.4 lbs)	0.96 m ² / 2.88 m ² (10.3 ft ² / 31 ft ²)	68 / 34	1,900.8 m ² (20,460 ft ²)	1200 x 800 mm (47.2 x 31.5 in)	2400 x 1200 mm (94.5 x 47.2 in)
COREgravel 50-40/R	50 mm / 40 mm / 1.2 mm (2.0 in / 1.6 in / 47 mil)	1.6 kg (3.5 lbs)	0.88 m ² / 2.63 m ² (9.4 ft ² / 28.2 ft ²)	58 / 29	1,670.4 m ² (17,980 ft ²)	1200 x 730 mm (47.2 x 28.7 in)	2190 x 1200 mm (86.2 x 47.2 in)
COREgravel 60-40HDR	60 mm / 40 mm / 2.5 mm (2.4 in / 1.6 in / 98 mil)	3.5 kg (7.7 lbs)	1.15 m ² / 2.3 m ² (12.4 ft ² / 24.8 ft ²)	120 / 60	1,656 m ² (17,825 ft ²)	1150 x 1000 mm (45.3 x 39.4 in)	2300 x 1000 mm (90.6 x 39.4 in)
COREgravel 65-45HDR/R	65 mm / 45 mm / 3 mm (2.6 in / 1.8 in / 118 mil)	5 kg (11 lbs)	0.92 m ² / 2.76 m ² (9.9 ft ² / 29.7 ft ²)	108 / 54	1,490.4 m ² (16,043 ft ²)	1150 x 800 mm (45.3 x 31.5 in)	2300 x 1200 mm (90.6 x 47.2 in)

* MEDIUM sheet size shipped on Euro Pallets; JUMBO Sheet size shipped on Standard US Pallet

Applications Guide

Specifications Model	Recommended Aggregate Size	Slopes / Grades greater than 30°	Strength unfilled / filled	100% Recycled Plastic	Recommended Duty	Resid.	Best Use Comm.	HGV
COREgravel 38-18R*	3-8 mm (Very Fine-Fine)	✓	40 Tons / +100 Tons	✓	Very Light	✓		
COREgravel 38-25R*	5-10 mm (Fine-Medium)	✓	68 Tons / +150 Tons	✓	Light	✓		
COREgravel 38-30	5-10 mm (Fine-Medium)	✓	60 Tons / +150 Tons	✓	Light	✓		
COREgravel 42-30	5-10 mm (Fine-Medium)	✓	68 Tons / +200 Tons	✓	Medium	✓	✓	
COREgravel 50-35HDR*	5-15 mm (Fine-Medium)	✓	150 Tons / +250 Tons	✓	Medium-Heavy	✓	✓	✓
COREgravel 50-40R*	5-15 mm (Fine-Medium)	✓	60 Tons / +150 Tons	✓	Light-Medium	✓	✓	✓
COREgravel 60-40HDR*	5-20 mm (Fine-Coarse)	✓	200 Tons / +300 Tons	✓	Medium-Heavy	✓	✓	✓
COREgravel 65-45HDR*	5-20 mm (Fine-Coarse)	✓	250 Tons / +350 Tons	✓	Heavy	✓	✓	✓

* Also available in virgin plastic for even greater strength



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MAX LOAD SUPPORT — FOR FIRE LANES & GREEN PARKING LOTS

COREgrass™ Turf Reinforcement Grids

Key Applications:

- Emergency Access / Fire Lanes
- Overflow, Stadium and Event Parking Lots
- Church Parking
- Residential Driveway
- Utility Access & Trailer Parking
- Infiltration Basin Reinforcement
- Golf Cart Paths
- Erosion Control
- Helicopter Landing Pads
- Airplane Transport Areas

Benefits:

- Porous Load Bearing Surface
- Compressive Strength +60 Tons
- Stormwater BMP for Paving
- LEED & SUDS Credit

COREgrass allows stormwater permeate entire ADA surface

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“Yes, you can park on my grass!”

COREgrass™ TURF REINFORCEMENT GRIDS

A ‘green’ choice for low-impact paving

Beautiful, sustainable and economical solution to manage stormwater and reduce heat island effects in parking and traffic areas. Parking lots, access roads, and driveways with COREgrass™ porous paving are stabilized so turf can grow, with no ruts or sinking, with all the benefits of reducing stormwater runoff significantly and improving water quality with natural pollution filtration and treatment. In addition, COREgrass™ can reduce and mitigate urban heat island effects with this cool low-impact development practice used in SUDS and LEED compliant sites.

No unsightly infrastructure is seen, just green grass

A COREgrass™ turf reinforcement grids are sheets of connected hexagon cells. Made from recycled or virgin PP (polypropylene) material, our proprietary manufacturing process provides a rigid honeycomb design that holds its uniform hexagon shape which provides maximum load bearing. With optional COREmarker™, easily add line delineation for parking spaces or edge indicators. You will find COREgrass™ provides amazing stability, grass protection, and a sustainable drainage model in a paver that is nearly invisible.

COREgrass 50-35

Well hidden, but there when you need it.

- **Material:** Recycled or Virgin PP
- **Colors:** Green, custom also available
- **UV & Chemical Resistant**
- **Membrane:** None, Optional
- **Interlocking Grid Connector:** Built-in

COREgrass 50-35 boasts strength at the lowest cost

COREgrass 60-40 features horizontal water movement

COREgrass 65-45 nothing is stronger

Specifications Model	Cell Diameter / Height / Wall	Weight per m ²	Sheet Area MEDIUM / JUMBO	Sheets per Pallet* MEDIUM / JUMBO	40'HQ Container Quantity	Sheet Dimensions MEDIUM	Sheet Dimensions JUMBO
COREgravel 50-35HD/R	50 mm / 35 mm / 2 mm (2.0 in / 1.4 in / 79 mil)	2.9 kg (6.4 lbs)	0.96 m ² / 2.88 m ² (10.3 ft ² / 31 ft ²)	66 / 33	1,900.8 m ² (20,460 ft ²)	1200 x 800 mm (47.2 x 31.5 in)	2400 x 1200 mm (94.5 x 47.2 in)
COREgravel 60-40HDR	60 mm / 40 mm / 2.5 mm (2.4 in / 1.6 in / 98 mil)	3.5 kg (7.7 lbs)	1.15 m ² / 2.3 m ² (12.4 ft ² / 24.8 ft ²)	120 / 60	1,656 m ² (17,825 ft ²)	1150 x 1000 mm (45.3 x 39.4 in)	2300 x 1000 mm (90.6 x 39.4 in)
COREgravel 65-45HD/R	65 mm / 45 mm / 3 mm (2.6 in / 1.8 in / 118 mil)	5 kg (11 lbs)	0.92 m ² / 2.76 m ² (9.9 ft ² / 29.7 ft ²)	108 / 54	1,490.4 m ² (16,043 ft ²)	1150 x 800 mm (45.3 x 31.5 in)	2300 x 1200 mm (90.6 x 47.2 in)

Glow-in-the-Dark: Reinvented for Landscaping Products

COREglow[®] GRAVEL STABILIZER PANELS

Eco-friendly lighting that requires no electricity nor any power

Eco-friendly lighting that requires no electricity nor any power, COREglow™ is the bright choice. Saving our natural resources is important to us, so a renewable light source that has no carbon emissions will not only save money, but the save the environment around us. Our COREglow™ luminescent products are engineered with proprietary luminescent material and synthetic resins. When exposed to daylight or a light source the phosphorescent material within the COREglow™ becomes excited and will maintain an afterglow, initially very radiant, then slowly dissipating as dawn arrives.

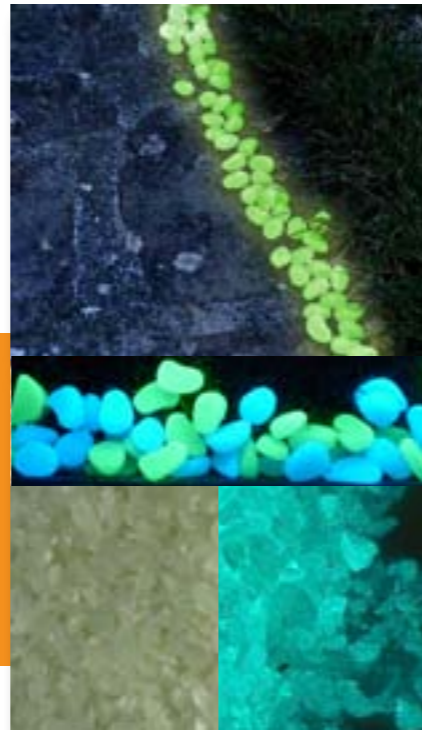
Pebbles, Chips, Markers, Edging products for a 'bright' future

COREglow™ provides glow-in-the-dark edging and stone solutions for your landscaping needs. Pebbles offer many uses to incorporate in landscape design, while providing light sources in dark areas without power. Markers enable gravel and aggregates to have delineated lines and edges visible both day and night. Glowing aggregates provides safety of passage when no light source is available, often mixed with traditional aggregates for many beautiful design options.



COREglow Pebbles M

Specifications Model	Dimensions L x W x H	Weight	Compressive Strength	Carton Quantity
COREglow Pebbles Medium	25 x 15 x 10 mm (1.0 x 0.6 x 0.4 in)	about 5g each (90 pebbles / lb.)	40 Tons	4000 pebbles
COREwater Pebbles Large	50 x 40 x 15 mm (2.0 x 1.6 x 0.6 in)	about 15g each (30 pebbles / lb.)	40 Tons	1300 pebbles



- **Material:** Recycled & Virgin PP, Resin, or Glass
- **Colors:** Blue, Red, Light Yellow, Light Green, Green, Orange, custom may also be available
- **UV & Chemical Resistant & Inert**
- **Glowing time:** 2-8 hours, conditions vary



Glow-in-the-dark COREmarker™ makes it easy to delineate parking space lines.

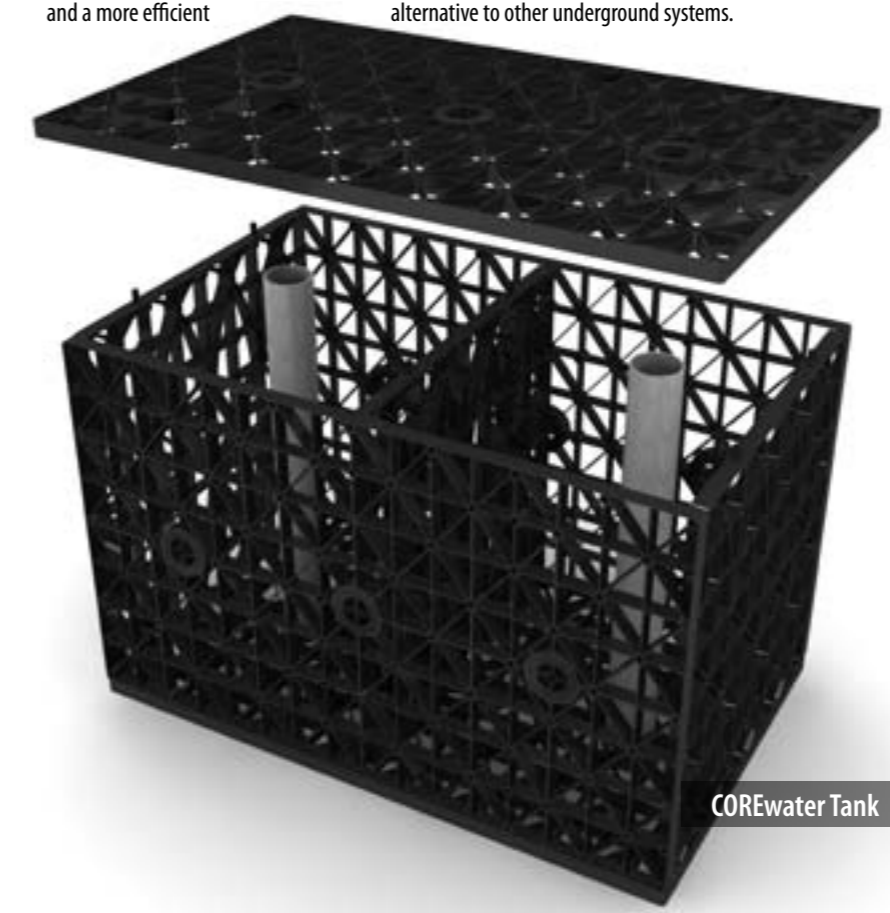


Reduce, Reuse, & Recycle Stormwater

COREwater™ RAIN TANKS & DRAINAGE CELLS

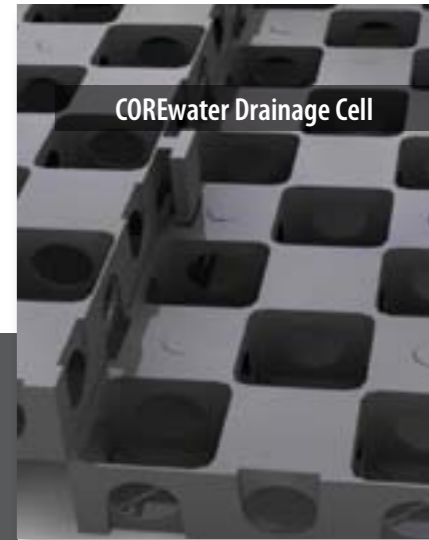
Underground storage tanks for rainwater harvesting

Storing rain water is a time honored way of behaving responsibly toward the environment. With underground rain water storage, there is no ugly tanks or barrels to see. Easy to assemble and simple to install, it's the perfect choice for a variety of applications from parking lots to bioswales to rainwater cisterns. After a rain event fills the COREwater™ tank, stormwater will either infiltrate into the ground, drainage system, or be recycled for irrigation. This system provides an alternative to stormwater basins and a more efficient alternative to other underground systems.



COREwater Tank

Specifications Model	Dimensions L x W x H	Weight	Compressive Strength	Quantity per Pallet
COREwater Tank	800 x 500 x 540 mm (31.5 x 19.7 x 21.3 in)	7-10 kg / tank (15-22 lbs / tank)	7 - 15 Tons	25-35 Tanks
COREwater Cell	1200 x 600 x 25 mm (31.5 x 19.7 x 21.3 in)	2.5 kg / m ² (5.5 lbs / m ²)	100 Tons	120 Sheets



COREwater Drainage Cell

DRAINAGE CELL

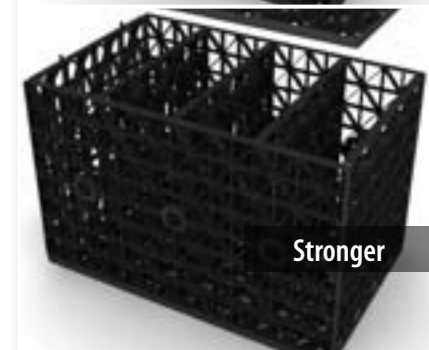
- **Material:** Recycled or Virgin PP
- **Cell Size:** 37 mm
- **Color:** Black
- **UV & Chemical Resistant**
- **Interlocking Panel Connectors**

RAIN TANK

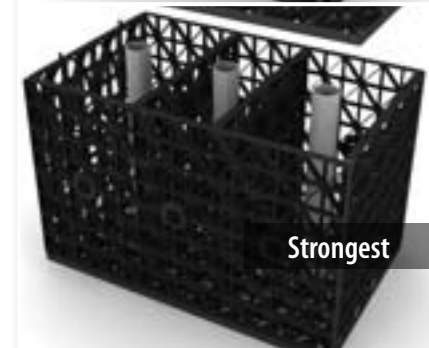
- **Material:** Recycled PP
- **Color:** Black
- **UV & Chemical Resistant**
- **Optional:** Use low-cost locally-sourced PVC pipe for added strength.



Strong



Stronger



Strongest

ABOUT US:

The Honeycomb Core Company is a family-owned business based in mainland China with sales representation throughout Europe and North America. In addition to our manufacturing history, we have real world experience in logistics in both eastern and western hemispheres, thus providing timely delivery worldwide at surprisingly low costs. Together with the administrative and sales team, Honeycomb Core Company is ready to give you world-class service along with our CORE6™ products.



FACTORY – Excellence in polymer manufacturing is the cornerstone of our company. Priding ourselves on our engineering and craftsmanship in thermoplastic polymers we employ precision equipment and experienced engineers to produce our designs in-house. Our techniques are specialized for honeycomb core applications, using only superior injection-type molding processes. Operations run 24 hours a day for optimum efficiency and ability to fulfill all of our customers' requests.



LOGOS, DESIGNS, PATENTS, TRADEMARKS – Actively protecting our intellectual property rights worldwide is important to us. We hold patents, design registrations and trademarks in major countries and international organizations, since this not only secures our brands and products but ensures our distributors' and partners' efforts are protected too. For example, COREgravel® is one of our registered trade marks, and it is registered in name, logo and product design in the European Union at OHIM, the official trade marks and designs registration office that provides protection for Intellectual Property Rights throughout 27 countries and almost 500 million people. We continually work hard to protect our unique designs bringing you value and security throughout all of our CORE6™ systems.



afnor
GROUPE



SGS

For the latest news please visit us at
www.core6systems.com

OUR CORE6 VALUES:

INNOVATION – Forward thinking is a must for our engineers and designers, as well as all aspects of our business. Continuing to push for better original designs in order to create and maintain an advantage in the industry, we are always exploring new materials and processes to find better quality, greater strength and lower cost.

STABILITY – The honeycomb that honey bees build is unmatched in strength for its weight and a source of inspiration for CORE6™ Systems. Firmly fixed on nature's

design, we create core products that are lightweight and amazingly strong, and supported by consistent service that is dependable.

SUSTAINABILITY – Master craftsmen in plastics, we have a passion for things that conserve, preserve and maintain. Our aim is to design CORE6™ products that impact the environment minimally, relate people with the natural environment, and require a minimum of non-renewable resources.



OEM PLASTIC INJECTION

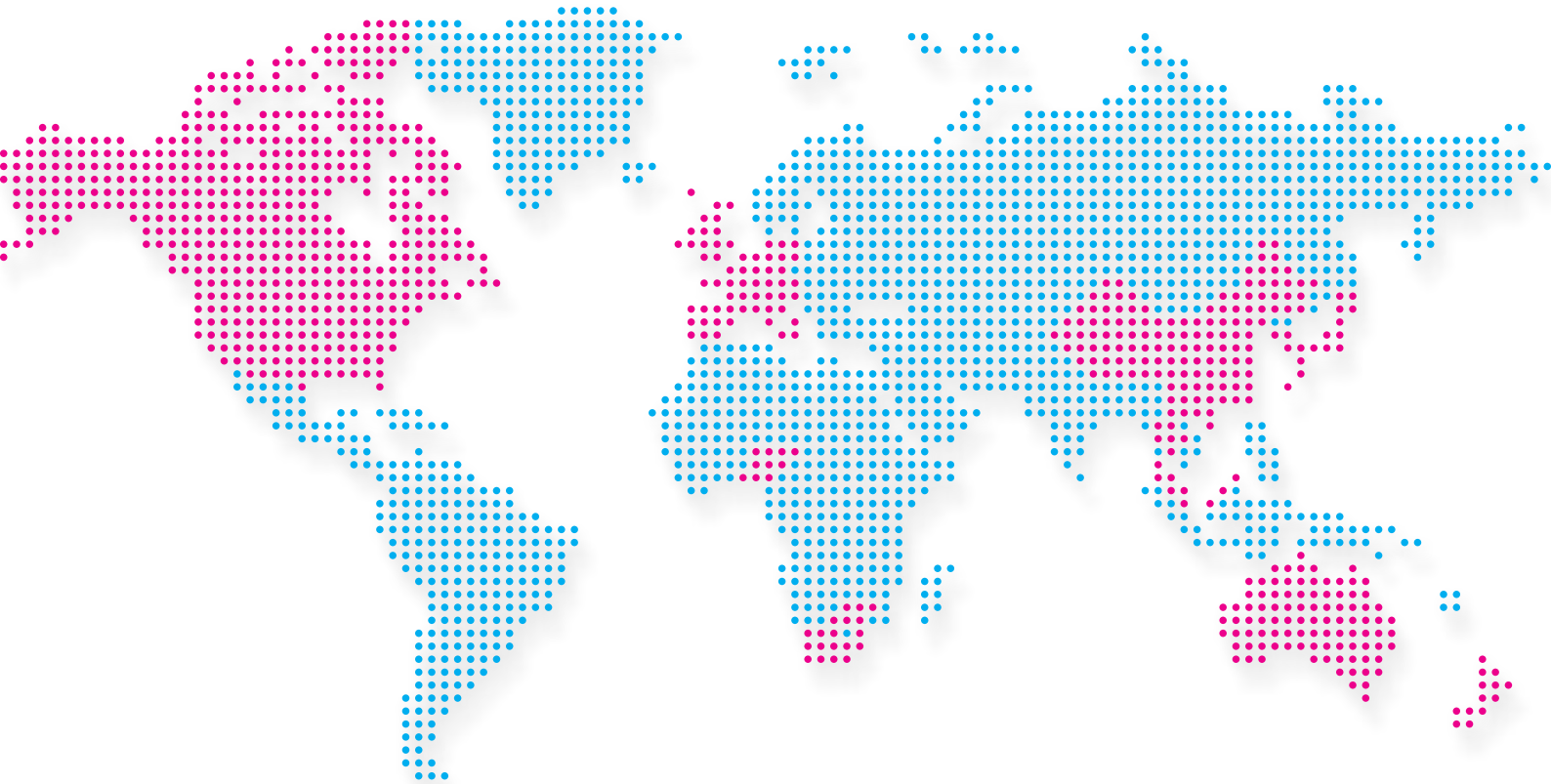
MANUFACTURING – Experts in thermoplastics, with a focus on injection molds, our state-of-the-art machines and highly trained staff are ready to ensure the highest quality output at the most efficient costs. Precision injection molding yields the highest quality products and our ability to create and modify molds on-site offers a unique advantage over the competition. If you can think of it we can do it. Our factory boasts 6 machines with up to 1600 tons capacity; up to 5 kg per piece; and 1.2 x 1.0 m max size. Our engineers can also improve your existing manufacturing by offering new ways to increase strength and reduce raw material use. Let us show you how we can make you more profitable.



IN-HOUSE MOULD TOOLING AND

MODIFICATION – A primary field of expertise is the design and manufacture of precision engineering tools for the plastics industry, so we can offer a full service manufacturing solution to your needs.



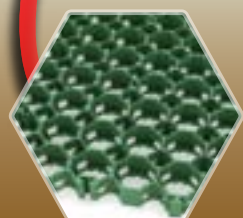


serving customers worldwide since 2004

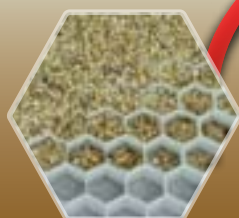
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- Spain • Portugal • Italy • Austria • Switzerland
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- China • South Korea
- Malaysia • Thailand • Japan
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- New Zealand

Your Home. Only Greener!

Beautiful, sustainable and low-cost outdoor paving and landscaping solutions.



COREgrass™
The Turf Stabilizer, porous paving stabilized so grass can grow, with no ruts or sinking.



COREgravel®
The Gravel Stabilizer, a natural, low-cost porous paving for driveways and walkways.



COREwater
Underground stormwater storage tanks for rainwater harvesting or flood-free infiltration.