

CORE GRAVEL® EASY INSTALLATION



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 OR as per specifications provided by the Project Engineer or Landscape architect.

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.



APPLICATIONS GUIDE

** Also available in virgin plastic for even greater strength*

Specifications Model	Recommended Aggregate Size	Slopes / Grades greater than 30°	Strength/m ² unfilled / filled	100% Recycled Plastic	Recommended Duty	Resid. Best Use Comm.	HGV
CORE Gravel 38-18R*	3-8 mm (Very Fine-Fine)	✓	40 Tons / +100 Tons	✓	Very Light	✓	
CORE Gravel 38-25R*	5-10 mm (Fine-Medium)	✓	68 Tons / +150 Tons	✓	Light	✓	
CORE Gravel 38-30	5-10 mm (Fine-Medium)	✓	60 Tons / +150 Tons		Light	✓	
CORE Gravel 38-40	5-10 mm (Fine-Medium)	✓	68 Tons / +160 Tons		Light-Medium	✓	✓
CORE Gravel 42-30R*	5-15 mm (Fine-Medium)	✓	120 Tons / +250 Tons	✓	Medium-Heavy	✓	✓
CORE Gravel 50-35HDR*	5-15 mm (Fine-Medium)	✓	150 Tons / +250 Tons	✓	Medium-Heavy	✓	✓
CORE Gravel 60-40HDR*	5-20 mm (Fine-Coarse)	✓	200 Tons / +300 Tons	✓	Medium-Heavy	✓	✓
CORE Gravel 65-45HDR*	5-20 mm (Fine-Coarse)	✓	250 Tons / +350 Tons	✓	Heavy	✓	✓

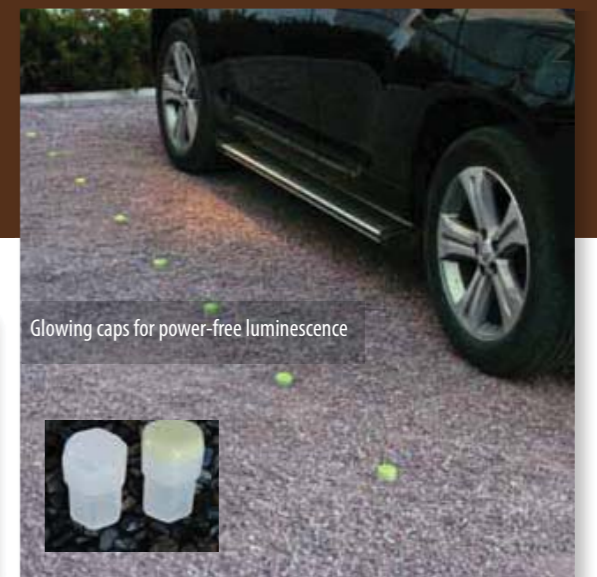
POWER-FREE Glow-in-the-dark COREmarker™ and COREglow™ used in conjunction to better delineate parking spaces.

CORE MARKER™ DELINEATION

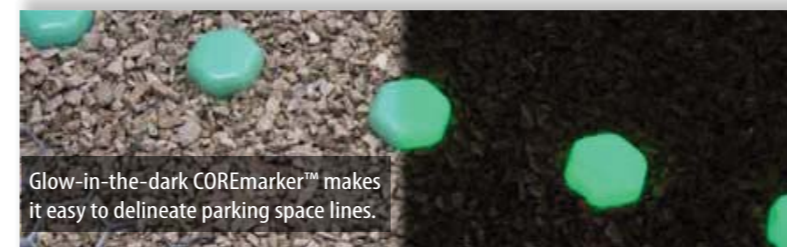
The ONLY real solution for marking gravel, with CORE Marker™ defining parking space lines or pathway edges is simple and easy.

The easily visible, yet unobtrusive CORE Marker™ fits snugly into the CORE Gravel® or CORE Grass™ 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.



Glowing caps for power-free luminescence



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

CORE GRAVEL® Flexible sizes are available to fit every application. Custom sizes may also be available.

CORE Gravel Specifications	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)	1.2 kg (2.64 lbs)	0.92 m ² / 2.76 m ² (9.9 ft ² / 29.7 ft ²)	133 / 133	3,532 m ² (38,004 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 / 1.5 mm (1.5 in / 1.0 in / 58.5 mil)	1.5 kg (3.3 lbs)	0.92 m ² / 2.76 m ² (9.9 ft ² / 29.7 ft ²)	96 / 96	2,650 m ² (28,514 ft ²)	1150 x 800 mm (45.3 x 31.5 in)	2400 x 1150 mm (94.5 x 45.3 in)
COREgravel 38-30	38 mm / 30 mm / 1.2 mm (1.5 in / 1.2 in / 46.8 mil)	1.3 kg (2.9 lbs)	0.92 m ² / 2.76 m ² (9.9 ft ² / 29.7 ft ²)	80 / 80	2,208 m ² (28,758 ft ²)	1150 x 800 mm (45.3 x 31.5 in)	2300 x 1200 mm (90.5 x 47.2 in)
COREgravel 38-40	38 mm / 40 mm / 1.3 mm (1.5 in / 1.6 in / 50.7 mil)	1.8 kg (4.0 lbs)	0.96 m ² / 2.88 m ² (10.3 ft ² / 31 ft ²)	60 / 60	1,656 m ² (17,818 ft ²)	1150 x 800 mm (45.3 x 31.5 in)	2300 x 1200 mm (90.5 x 47.2 in)
COREgravel 42-30	42 mm / 30 mm / 1.8 mm (1.65 in / 1.2 in / 70.2 mil)	2 kg (4.4 lbs)	0.92 m ² / 2.88 m ² (10.3 ft ² / 31 ft ²)	80 / 80	2,208 m ² (23,758 ft ²)	1150 x 800 mm (45.3 x 31.5 in)	2300 x 1150 mm (90.6 x 45.3 in)
COREgravel 50-30	50 mm / 40 mm / 1.3 mm (2.0 in / 1.6 in / 50.7 mil)	1.6 kg (3.5 lbs)	0.96 m ² / 2.76 m ² (10.3 ft ² / 31 ft ²)	78 / 78	2,188 m ² (23,543 ft ²)	1200 x 800 mm (47.2 x 31.5 in)	2300 x 1200 mm (90.5 x 47.2 in)
COREgravel 50-35HD/R	50 mm / 35 mm / 2.3 mm (2.0 in / 1.4 in / 89.7 mil)	2.9 kg (6.4 lbs)	0.96 m ² / 2.88 m ² (10.3 ft ² / 31 ft ²)	68 / 68	1,900 m ² (20,444 ft ²)	1200 x 720 mm (47.2 x 28.3 in)	2160 x 800 mm (85 x 31.5 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)	60 / 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)	5.5 kg (11 lbs)	0.92 m ² / 2.76 m ² (9.9 ft ² / 29.7 ft ²)	53 / 53	1,463 m ² (15,742 ft ²)	1150 x 800 mm (45.3 x 31.5 in)	2300 x 1200 mm (90.6 x 47.2 in)