



CORE PATH



CORE DRIVE



CORE COMMERCIAL



CORElandscape
Products

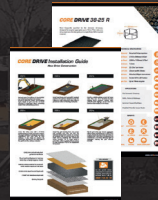
KEEP YOUR GRAVEL IN ITS PLACE!

Whether your project is a garden path, sloping domestic drive or a heavily trafficked commercial parking area...

We have the grid you are looking for!



0800 118 2278



www.corelp.co.uk

We are one of the UK's leading ground reinforcement experts and have specifically designed and manufactured a range of products each intended for a specific traffic load and site condition.

We have a technical team on hand to deal with any site specific queries and an online library of product specification sheets, install guides and case studies available to download.

LAY OVER EXISTING DRIVEWAY

Can be laid over existing driveway surfaces saving time & money: no excavation; no muck away; no mess (Page 9 - to see how easy it is)



STABILISES GRAVEL

Our cellular grids create an incredibly strong base into which gravel sits - and stays!



EASY TO INSTALL

With minimal subbase preparation two men can lay an astonishing 300m² + per day.



SUDS COMPLIANT

Perfect for fully SUDS compliant build ups or simple free draining surfaces capable of withstanding heavy traffic.



LOW COST

Rapid install time; minimal subbase prep & reduced gravel consumption makes this the most practical and cost effective solution.



DDA COMPLIANT

The tightly packed pockets of loose aggregate form an unbelievably firm non-slip surface, providing safe passage for all users.



CORE PATH



USE 60%
LESS
GRAVEL



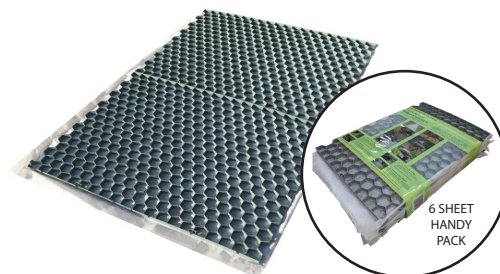
CORE PATH

CORE Path gravel stabiliser grid creates a perfectly firm surface that makes gravel a great choice for pedestrian and disabled access.

It is incredibly easy to install making it ideal for DIY patios and garden paths. By preventing the gravel from moving around underfoot it stops it migrating onto surrounding surfaces meaning very little maintenance is required.

Available in two sheet sizes, both the handy pack and the larger sheet are best suited for aggregates between 6-12mm.

The 18mm deep honeycomb structure is made from 100% recycled material, the sheets clip together on all 4 sides and have a high quality weed membrane firmly attached to the underside.



TECHNICAL SPECIFICATION

Material	Recycled Polypropylene
Handy Pack	6 x (575 x 400mm) 1.38m ²
Large Sheet	(1150 x 800mm) 0.92m ²
Cell Wall Thickness	1.0mm
Aggregate Coverage	33-35m ² per tonne
Depth of Cells	18mm (width 38mm)
Membrane	Attached 50gsm non-woven
Clipping Mechanism	Socket & Pin (all 4 sides)
Aggregate Size	Up to 14mm angular

BENEFITS

 DDA COMPLIANT	 ECO-FRIENDLY	 LOW COST
 EASY TO CUT	 NO WEEDS	 EASY INSTALL
 STABILISES GRAVEL	 STRONG	 SUDS COMPLIANT

INSTALLATION

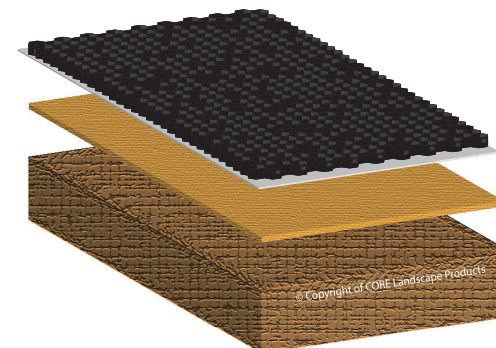
1. Mark out where you want your pathway and remove the turf with a spade. Compact the mud below, you may need to add gravel to firm the ground up if it has any soft areas.
2. Install a suitable edging around all open sides. This can be any sturdy edging, from tanalised wood to our very own flexible steel edging (CORE Edge).

Our CORE Path grid has been used in many show gardens since its conception in 2011 and has been featured in a number of award winning gardens at the RHS Chelsea Flower Show for the past five consecutive years.



RHS CHELSEA
FLOWER SHOW 2018

3. Cover the area with a 5-10mm bedding layer of sharp sand and compact.
4. Install the grid starting from one end of the path. Ensure to connect all available clips on all four sides of the sheet and to underlap the membrane where possible. Cut to shape using a pair of garden shears.
5. Fill the grid with your chosen aggregate. CORE Path is designed to be over filled by 10mm, making the grid virtually invisible.



CORE PATH grid with attached geotextile membrane

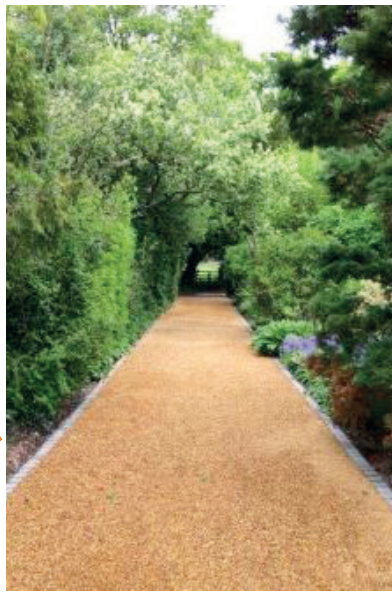
Sharp sand bedding layer (approx 10mm)

Existing Subgrade





Works on slopes of up to 10%

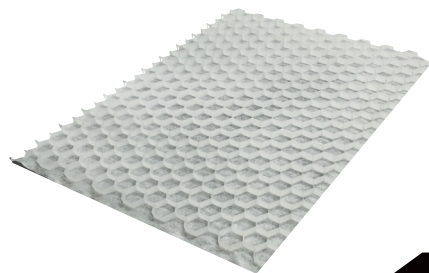


CORE DRIVE 50-30

CORE Drive's honeycomb grid construction provides tightly packed pockets of loose gravel which creates a completely porous hard standing whilst reducing gravel consumption by 25%. The sheets also connect on all 4 sides to create a continuous matrix across the entire driveway, making CORE Drive the most practical and cost effective surfacing option.

Our unique manufacturing technique enables us to heat weld a high quality geotextile membrane to the underside of every panel. This heat weld attaches the membrane firmly to the honeycomb structure and creates a

tray for the gravel to sit in, this prevents the gravel from migrating under the cell wall which would otherwise cause the honeycomb structure to rise and become exposed making it susceptible to irreparable damage.



TECHNICAL SPECIFICATION

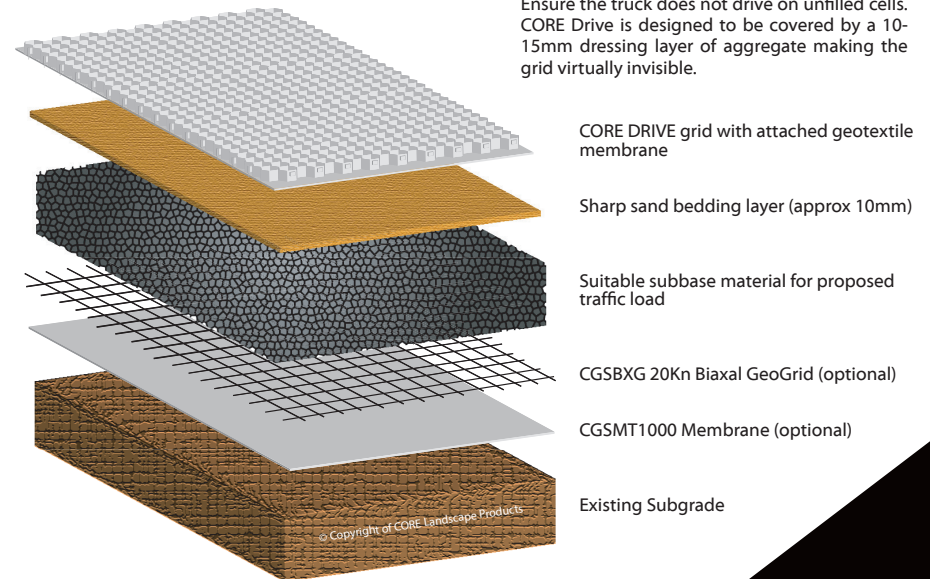
Material	Virgin Polypropylene
Small Sheet	(1200 x 800mm) 0.96m ²
Large Sheet	(2400 x 1200mm) 2.88m ²
Cell Wall Thickness	1.2mm
Aggregate Coverage	16-18m ² per tonne
Depth of Cells	30mm (width 50mm)
Membrane	Attached 80gsm non-woven
Clipping Mechanism	Socket & Pin (all 4 sides)
Aggregate Size	Up to 24mm angular

BENEFITS

 DDA COMPLIANT	 ECO-FRIENDLY	 LOW COST
 EASY TO CUT	 NO WEEDS	 EASY INSTALL
 STABILISES GRAVEL	 STRONG	 SUDS COMPLIANT

INSTALLATION

- Excavate area for subbase to be installed. Ensure to allow for: 10mm sand bedding layer; depth of grid (30mm) and the 10-15mm dressing of aggregate when calculating depth from surrounding surfaces.
- Install membrane and geogrid if required and then the subbase material. Ensure the subbase is well compacted using either a pedestrian roller or vibrating road plate.
- Install a suitable edging around all open sides. This can be a tanalised wooden edging; block paviours; granite setts; concrete path edgings or our very own flexible metal edging (CORE Edge).
- Cover the entire area with a 5-10mm bedding layer of sharp sand and compact. This layer will help to eliminate any minor undulations you may have in your subbase, it also helps to protect the membrane attached to the underside of the grid from the abrasive subbase material.
- Install the grid starting from one corner and working your way out with the membrane facing down. Ensure to connect all available clips on all four sides of the sheet and to underlap the membrane where possible. Cut to shape using a petrol disc cutter or grinder. Please ensure to wear necessary PPE for the equipment being used.
- Fill the grid with your chosen aggregate either using a wheelbarrow or direct from a truck. Ensure the truck does not drive on unfilled cells. CORE Drive is designed to be covered by a 10-15mm dressing layer of aggregate making the grid virtually invisible.





Approved for Fire Service Access

CORE COMMERCIAL

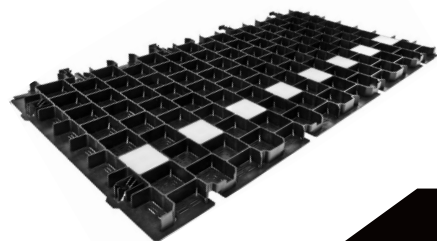
CORE Commercial has been specifically developed to withstand heavy commercial traffic. This is the ideal gravel stabilisation system for car parks, access roads and caravan parks.

The perforated HDPE base provides maximum stability whilst allowing the water to flow freely through the system.

With our patented quick lock joining mechanism the panels can be installed quickly and easily. With an incredible coverage rate of 24m² per tonne of aggregate this really is one

of the most cost effective, heavy duty & SUDS compliant surfaces in today's market.

Available in both black and white with contrasting plug-in markers to create parking bays, this system will comply with current UK building regulations for commercial car parks.



TECHNICAL SPECIFICATION

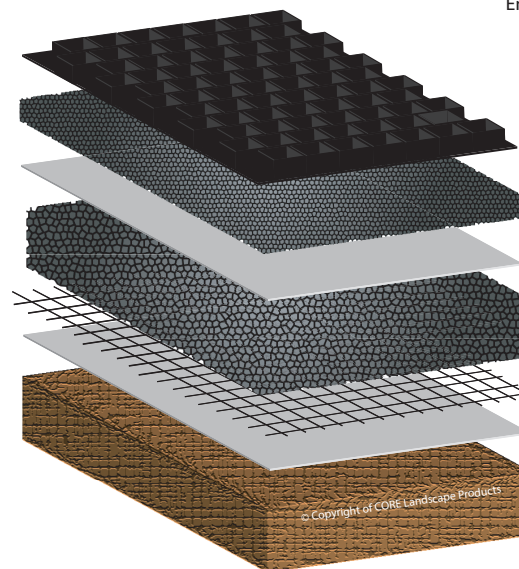
Material	Recycled HDPE
Sheet Size	(1180 x 600mm) 0.65m ²
Colour	Black (white available)
Cell Wall Thickness	3mm
Aggregate Coverage	23-24m ² per tonne
Depth of Cells	30mm (width 65mm)
Cert. Approval	Fire Service Access Road
Clipping Mechanism	'Lock & Drop' (all 4 sides)
Aggregate Size	Up to 24mm angular

BENEFITS

 DDA COMPLIANT	 ECO-FRIENDLY	 LOW COST
 LINE MARKINGS	 NO WEEDS	 EASY INSTALL
 STABILISES GRAVEL	 STRONG	 SUDS COMPLIANT

INSTALLATION

1. Excavate area for subbase to be installed. when calculating depth from surrounding surfaces allow for an additional: 20mm for gravel bedding layer and 30mm for depth of grid.
2. Install membrane and geogrid if required and then the subbase material. Ensure the subbase depth is suitable for the intended traffic load and is well compacted using a vibrating drum roller and vibrating road plate.
3. Install a suitable edging around all open sides. This can be tanalised wood; block paviours; granite setts; concrete path edgings or our very own flexible metal edging (CORE Edge).
4. Lay a separation membrane over the subbase and cover the entire area with a minimum 20mm bedding layer of fine aggregate, screed to level and compact. This layer will help to eliminate any minor undulations you may have in your subbase.
5. Install the grid in a brick bond pattern starting from your longest straight edge, working your way out maintain a staggered triangle (similar to block paving). Ensure to connect all panels using the locking mechanism. Cut to shape using a petrol disc cutter or grinder. Please ensure to wear necessary PPE for the equipment being used.
6. Fill the grid with your chosen aggregate either using a wheelbarrow or direct from a truck. Ensure the truck does not drive on unfilled cells.



CORE COMMERCIAL grid

Gravel bedding layer (2-6mm agricultural grit)

CGSMT1000 Membrane

Suitable subbase material for proposed traffic load (4-40mm mixed aggregate)

CGSBX20 20Kn Biaxial GeoGrid (optional)

CGSMT1000 Membrane (optional)

Existing Subgrade





Before



After

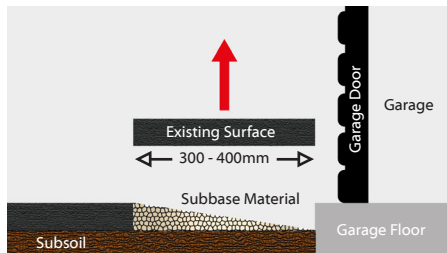
Renovate your Existing Driveway

CORE DRIVE is a very easy retro fit to your existing driveway. Whether you have tarmac, concrete, block paving or an old gravel drive, with minimal preparation, you can simply lay the panels, clip them together and fill with your chosen aggregate. You'll be left with a beautiful gravel driveway.

FAQ's

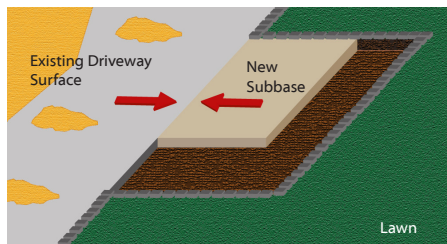
Q | Step 1 mentions 'Keying-in'... what does this mean?

A | This is where you remove part of the existing surface to allow for the grids to finish at the same height as adjacent surfaces. Cut-back 300-400mm of the existing surface and form a ramp with subbase material, this means the grid can camber, allowing the new surface to finish flush with the old. You must ensure the ramp is well compacted, you can add cement to firm the subbase ramp if required.



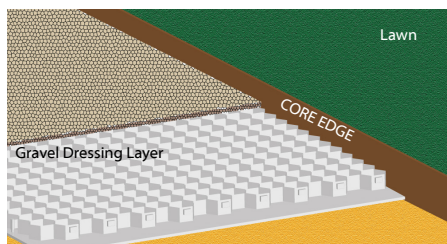
Q | How do I extend my driveway into my lawn area?

A | Excavate the lawn and install a suitable subbase material, compact well and ensure the subbase material finishes level with the existing driveway surface. You then continue from step 3 on the guide opposite.

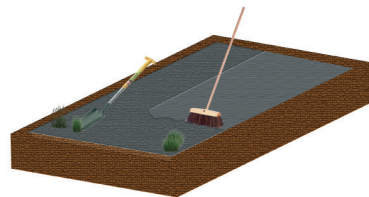


Q | Do I need to install an edging?

A | Yes, any exposed edge should have a physical restraint that sits slightly higher than the finished surface. This will protect the side of the grid from impact and also help to contain the surface dressing layer of loose aggregate.

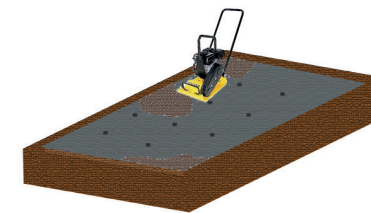


STEP 1



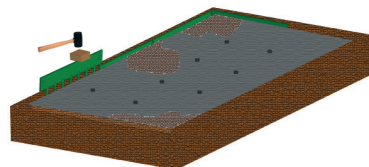
1. To install CORE Drive over an existing old gravel driveway, tarmac or concrete surface you first need to clear the area of weeds and any loose material. Key-in where necessary i.e. in front of garage doors, garden gates, draincovers and adjoining surfaces.

STEP 2



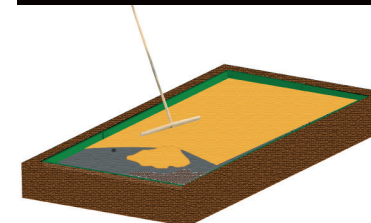
2. Repair the surface if there are any large dips or pot holes with a suitable subbase material and recompact the entire area with a roller or vibrating road plate. If installing over tarmac or concrete you may want to drill drainage holes in the surface to allow water infiltration.

STEP 3



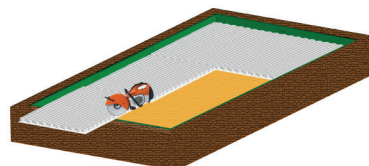
3. Install a suitable edging around all open sides. This can be tanalised wood; block paviours; granite setts; concrete path edgings or our very own flexible metal edging (CORE Edge).

STEP 4



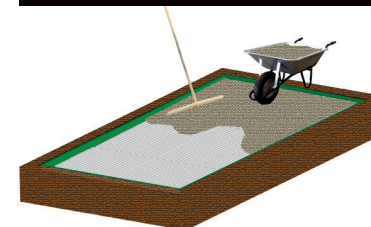
4. Cover the entire area with a 5-10mm bedding layer of sharp sand and compact. This layer will help to eliminate any minor undulations you may have in your subbase, it also helps to protect the membrane attached to the underside of the grid from the subbase material.

STEP 5



5. Install the grid starting from one corner and working your way out with the membrane facing down. Ensure to connect all available clips on all four sides of the sheet and to underlap the membrane where possible. Cut to shape using a petrol disc cutter or grinder. Please ensure to wear necessary PPE for the equipment being used.

STEP 6



6. Over fill the grid by approx 10mm with your chosen aggregate either using a wheelbarrow or direct from a truck. Ensure the truck does not drive on unfilled cells. The cells should be virtually invisible when finished.

CORE Landscape Products

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YOU THE EARTH



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