

Recycled plastic porous paving system

GP40 is a plastic paving grid which can be filled with soil and seed or gravel dependent on your needs. GP40 can be used in a range of ways from creating domestic driveways and car parks to hardstanding areas and pathways. Manufactured from recycled plastic waste, each GP40 panel is **lightweight** yet **durable, weather resistant, versatile, easy to install** and is capable of withstanding **250 tonnes of compression** per square metre. As well as those benefits, if installed correctly, GP40 is also fully **SuDs compliant**. With a high void ratio, surface water is able to naturally drain away into the ground below and reduce the chances of localised flooding.

- RUBBER GRASS MATS
- RUBBER PLAY TILES
- BELT CONVEYORS
- STEEL FIXING PINS
- PLASTIC FIXING PEGS
- LAWN & BORDER EDGING
- FORCED ACTION MIXERS
- WATER STORAGE CRATES
- RESIN BOUND GRAVEL
- RUBBER GYM MATTING
- GRASS PROTECTION MESHES
- GRASS REINFORCEMENT MESHES
- GROUND REINFORCEMENT & GRAVEL RETENTION GRID
- SUBMERSIBLE COMBI PUMPS
- RECYCLED PLASTIC DECKING
- RECYCLED PLASTIC LUMBER
- LANDSCAPING & WEED CONTROL MEMBRANES



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This document was produced in **June 2019** and the reliability and accuracy of this data should be checked by the reader prior to design or purchase.



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ECO-FRIENDLY

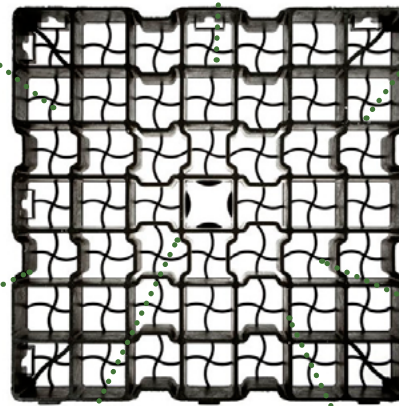
Being non-toxic & with a high void ratio, surface water is able to drain naturally away reducing local flood

LIGHTWEIGHT

Weighing just 5.60kg per sqm, one person would be able to easily manoeuvre & install GP40 panels

WEATHERPROOF

As GP40 is manufactured from plastic, each panel is resistant to extreme heat, cold and UV rays



VERSATILE

GP40 can be used in a huge range of ways from creating gravel driveways to creating grassed access routes

INTEGRAL FIXINGS

GP40 paving panels are very easy to connect together thanks to their slot and T bar connecting systems

100% RECYCLED

Every GP40 porous paving panel has been manufactured from recycled plastic waste & moulded into shape

STRONG

GP40 is incredibly strong, when installed correctly it can withstand up to 250 tonnes per sqm

KEY FACTS

- » Load capacity: **250 tonnes/m²**
- » Panel size: **500mm x 500mm**
- » Panel depth: **40mm**
- » Panel weight: **1.40kg**
- » Void ratio: **85%**
- » Operating Temp: **-30 to +50°C**
- » Connection: **Slot and T bar**
- » Material: **Recycled polyethylene**
- » Exterior wall thickness: **4mm**
- » Interior wall thickness: **3mm**
- » Panels per m²: **4**
- » Expected lifespan: **14 years**
- » Max gradient: **9%**

APPLICATIONS



DRIVEWAYS

Creating gravel or grassed driveways is simple with GP40's unique design



LANDSCAPING

Use GP40 to make paths, walkways, grass roads and embankments



HOT TUBS

Strong enough to take the weight of a hot tub or swim spa of any size



GARDEN BUILDINGS

Sheds, log cabins, summerhouses & greenhouses can be placed on GP40



GOLF & LEISURE

Create bunkers, buggy paths, marinas, jetties, fishing swims and racetracks

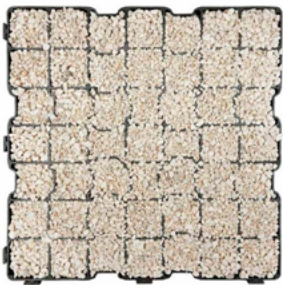


EQUESTRIAN & FARM

Farm gateways, exercise areas, paddocks, tracks and feed areas

Installation Instructions

1. Mark out the area to be excavated and dig down to an appropriate depth according to the intended use. Typical dig depth is around 200mm to allow for MoT hardcore layer, levelling sand and grid depth.
2. Install perimeter edging which is substantial enough to retain the grid installation, such as 150mm pin kerb edging, timber edging, stone setts or bricks. This will help to eliminate lateral movement of the surface.
3. Backfill by compacting MoT type 1 or 3 in layers of 50mm to achieve a final depth of 150mm.
4. Lay and secure a sheet of geotextile membrane across the MoT sub-base area. You must ensure that the membrane is flat to the surface by securing it into the ground using fixing pegs or pins as required.
5. With the membrane in place, lay a 5-10mm thick layer of sharp sand to the entire area to level it out and create a granular bedding for the grid to sit on.
6. On to the fully formed, well consolidated sub-base, begin laying your GP40 plastic paving grids. Start in one corner, lay one panel at a time and simply connect any neighbouring GP40 panels using the slot and peg snap connection. Repeat the process of lay and connect until the area is covered.
7. If needed, GP40 can be cut using a hand or power saw to fit into your specified area or to navigate around obstructions and curves. We recommend avoiding the use of cut pieces of GP40 which are less than half of the original size of the panel. Your GP40 panels can then be firmed in place using a light vibrating whacker plate if you require. Edges which require a panel less than ~150mm can simply be backfilled against the edging without grid.
8. Once installed, fill your GP40 with a gravel or aggregate. Preferably a 10-20mm diameter, well graded, clean and angular material. Fully rounded 'pea shingle' is not recommended due to probable migration of the gravel.
9. You can compact the surface of your GP40 using a light vibratory whacker if required.
10. If you find you have any low areas, refill these spots with your gravel and compact again until you are happy with the finish.
11. Your GP40 gravel surface is complete and can used immediately.



| PRODUCT CODE | COLOUR | DESCRIPTION | DEPTH (mm) | DIMENSIONS (mm) | PACK SIZE | PALLET QTY | UNIT WEIGHT (kg) |
|---------------|--------|--|------------|-----------------|-----------|------------|------------------|
| GP40B-004 | Black | GP40 Plastic Paving Grid 1m ² | 40mm | 500mm x 500mm | 1 | 60 | 5.60kg |
| GP-DELINS-001 | White | GP40 Delineator | 30mm | 70mm x 70mm | 1 | - | 0.026kg |

