



RecoPave 80

Truck-grade, heavy duty plastic paving grid system

RecoPave 80 is a **strong, permeable, durable, 100% recycled, weather and UV resistant** plastic paving grid system. With a **lightweight frame** and **interlocking connecting system**, RecoPave is very **simple to install** and large areas can be laid in short amounts of time. Specially designed and manufactured from recycled plastic waste, 1m² of RecoPave 80 is able withstand up to **300 tonnes** unfilled. When installed, RecoPave can be filled with either **angular gravel** for a strong, migration free gravel area or **soil and seed** for a strong grassed area. With so It's many benefits, RecoPave is ideal for creating car parks, access routes, standing areas, footpaths and so much more.

- 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 **November 2019** and the reliability and accuracy of this data should be checked by the reader prior to design or purchase.

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100% RECYCLED

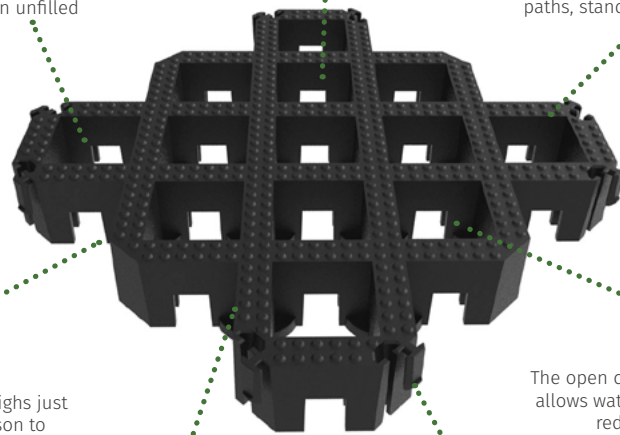
RecoPave 80 is manufactured here in the UK from 100% recycled polyethylene

STRONG

RecoPave 80 is able to withstanding 300 tonnes of compression per square metre when unfilled

VERSATILE

RecoPave 80 is incredibly versatile and can be used for car parks, foot paths, standing areas & much more



LIGHTWEIGHT

Each RecoPave 80 panel weighs just 3.9kg so is easy for one person to handle and install when compared to Grasscrete

PERMEABLE

The open cell structure of RecoPave 80 allows water to drain away naturally & reduce the chances of flooding

NON-TOXIC

RecoPave 80 is not toxic and will not affect surrounding plants & animals once installed

INTERLOCKING

Interlocking catches allow for a strong, quick and efficient installation

KEY FACTS

- » Length: **500mm**
- » Width: **500mm**
- » Depth: **80mm**
- » Weight: **3.9kg**
- » Load bearing per m² (Unfilled): **300T**
- » Infiltration Rate (Gravel Fill): **> 250cm/hour**
- » Infill Surface Area: **>55%**
- » Run Off Coefficient Range: **0.05 - 0.4**
- » Material: **Recycled Polyethylene**
- » Colour: **Black**
- » Coverage: **4 panels per m²**
- » Connection system: **Interlocking Catches**

APPLICATIONS



LORRY, COACH & CAR PARKS

Create strong, long lasting & permeable car parks that can be used by all vehicles



EMERGENCY ACCESS ROUTES

Access routes for emergency vehicles such as ambulances and fire engines



HARD STANDING AREAS

Create hard standing areas for vehicles and all types of large site equipment



ROAD & FOOTPATH WIDENING

Extend footpaths and roads to create more room for all its users



PEDESTRIAN AREAS

Create strong areas suitable for withstanding extreme pedestrian traffic



LOADING & SERVICE AREAS

Creating loading bays and service areas where forklifts and other machines work

Installation Instructions

1. Subgrade:

Excavate the existing ground at your chosen location to the formation level required for the project. Compact the exposed subgrade using a vibrating roller or vibrating plate to ensure the ground is solid. If any of the exposed ground is not suitable, fill these soft spots with a suitable material before compacting again.

2. Sub-Base:

Use a granular material (rock, crushed gravel or concrete) as specified, which must be sound, clean, non-friable and free from clay or other deleterious matter. Install the designed depth of sub-base as specified, in layers no greater than 200mm thick. Compact each layer in turn with a vibrating plate or suitable roller. Over the compacted sub-base lay an appropriate geotextile membrane, overlapping the edges by 200mm.

3. Bedding Layer (Optional):

Lay, screed and compact to a level, a 30mm depth of appropriate bedding layer material. A good quality compacted silica sharp sand should be used at approximately 30mm depth before compaction. The choice of bedding layer is dependant upon the application and design criteria of the specific project. For grass reinforcement mix the bedding layer 4:1 with a good quality top soil to ensure great root growth.

4. Wearing Course:

RecoPave 80 should be laid such that each modular unit slots into its neighbouring units. Once fully interlocked, the specified rootzone/grass seed infill material or natural aggregates should be used to infill each cell to create a continuous, permanently porous, high load bearing structure is thereby created.

5. Gravel Fill:

Aggregate size should not exceed 15mm and ideally not go below 6mm. The use of an angular gravel instead of washed rounded gravel is highly advised to aid compaction and prevent migration from the units.

6. Grass Fill:

A good quality topsoil should be used to infill the units to the top and allowed to settle. To follow, lay your grass seed before being immediately followed by a top dressing of good quality fertiliser to ensure adequate grass growth. Seeded areas should be regularly watered for a period of 6 weeks following installation.



PRODUCT CODE	COLOUR	DESCRIPTION	DEPTH (mm)	DIMENSIONS (mm)	PACK SIZE	PALLET QTY	UNIT WEIGHT (kg)
RP80-5050	Black	RecoPave 80 Single Panel	80	330x330	1	160	3.9

