

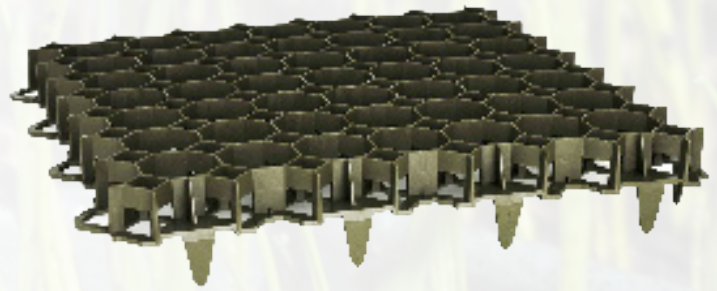
TERRABLUE TP40

Porous Paver-Grass Infill

TERRABLUE TP40 is a porous paver that can provide a solution to a wide range of trafficking needs over grass surfaces. The need might be an overflow car park, an emergency access route or wheel chair/disabled access. **TERRABLUE TP40** grass pavers have been developed to meet the demands of a grass finish for a porous plastic paver and manufactured using carefully selected recycled plastics. **TERRABLUE TP40** grass pavers meet the demands and loadings imposed across a wide range of traffic loads, frequencies of use and site conditions, and to meet the demands of a grass finish for a porous plastic paver.

Applications/Uses

- **Overflow grassed car parks**
- **Wheelchair/disabled access paths**
- **Free draining pedestrian paths**
- **Fire access roads/lanes**
- **Cycle paths**
- **Access routes and roads**
- **Grass Lawns**



TERRABLUE TP40 porous plastic pavers can be filled with root zone and then seeded to give a grassed finish. With a grass finish, when installed correctly, **TERRABLUE TP40** will provide a hard wearing, robust and permeable free draining surface that would have an expected lifetime of many years. **TERRABLUE TP40** grass pavers have been deliberately designed to allow excellent grass root entanglement with the paver to resist dynamic loadings and will also encourage strong, vibrant and sustainable grass growth. Please see our installation and design guidance documents for further information.

TERRABLUE TP40 grass pavers are supplied in easy to handle square grids which interlock with adjacent paving grids to create a stable and robust surface. The plastic pavers have a 40mm deep open honeycomb structure which promotes excellent root growth where a grass surface is preferred. Pavers have integral 25mm ground spikes that provide additional support and negate lateral displacement which is key where moving vehicles are in operation.

TERRABLUE TP40 paving grids have been manufactured using specially selected 100% recycled plastics that have the qualities that are required for a strong, long-lasting, stable product suitable for the designed traffic load. These include;

- UV stabilisation to stop degradation by sunlight.
- Tested to 250T/m², capable of withstanding cars, vans, trucks and lorries.
- Paver profile allows expansion on warmer days or in direct sunlight when required to stop lifting.
- Plastic selection to allow use in cold temperatures - some plastic will become fragile when cold.
- Open structure to allow unhindered water permeability.
- Paver design maximises support and stability from either a gravel or a grass root structure.
- All plastics used are stable, chemically inert and are not toxic so are suitable for normal soil conditions.

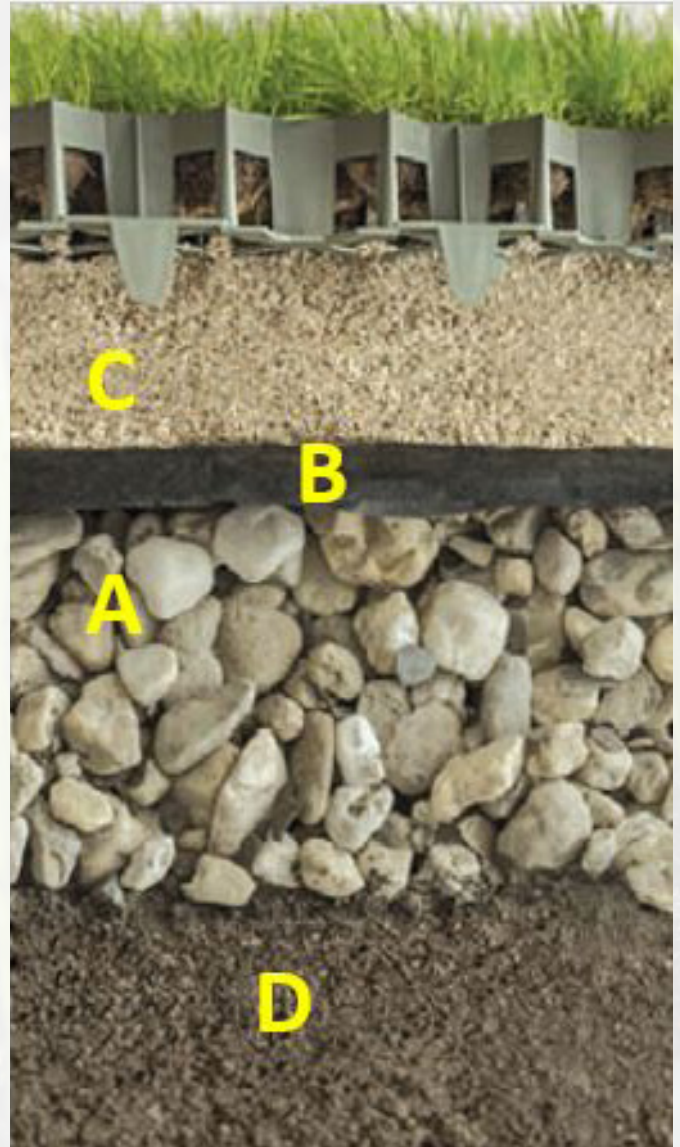
TERRABLUE TP40 porous plastic paving grids have been designed to meet the demands laid down by local government regarding flood alleviation and SUDS requirements (Sustainable Urban Drainage Systems). **TP40** pavers provide a porous/permeable pavement surface that allows rainwater / flood water to infiltrate through the paver surface and fill material into the subgrade below. **TERRABLUE TP40** can be used as part of a source control layer within a SUDS design.

QUICK AND EASY TO INSTALL

A compacted foundation of around 20- 30cm deep is required as a permeable sub-base, which is typical of such installations. Suitable for both Gravel and Grass load bearing surfaces.

- Starting by excavating the entire area to be paved to a depth of around 40cm (subject to ground conditions). Then compact down the surface (D) with a plate compactor.
- Next spread the sub-base of angular stone or gravel within a 5 - 45mm size range (A) spreading evenly over the area, and compact this layer as well.
- The sub-base is now ready for laying the geotextile fabric (B) (300gm/m²) all over the base. It provides additional stabilisation and protects from root and weed growth.
- Next is the bedding/levelling layer (C) which should be 50-70mm deep. For a grass finish use sand/soil mix or for gravel finish use 5-20mm angular stone or gravel. The levelling layer is to be compacted.
- Once the whole area is completed then proceed with laying down the paving grids. Due to the integrated 4 anchoring pins and overlapping system with 8 connecting latches per unit and honeycomb structure, the grids provide an extremely stable base for infilling with grass or gravel. For adjustment, units can be trimmed or cut with a handsaw or angle grinder.
- If the area is to be grassed an infill mixture of topsoil and sand 70/30 should be used. Fill to within 5mm of top of grid and then seed and water. The open design of the **TERRABLUE TP40** paving grid allows grass to grow both vertically and horizontally. If a gravel/chippings infill is being used then a 5mm-20mm angular gravel is recommended.

TERRABLUE TP40 pavers are designed to be installed using an appropriate subgrade and construction profile to suit local conditions and traffic loadings/movements. Please refer to our installation and design sheets for guidance and/or contact our technical team for guidance for full information.



Size	475mm x 475mm x 40mm
Colour	Black or Green (Khaki)
Weight	1.05kg
Material	PE-PP 100% recycled and recyclable
Number per Sq mtr	4.4 units per Sq mtr
Weight Load	250 t/m ²
Packaging m ² /pallet	54 m ² /pallet

For technical and installation Information please visit:-
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