

TERRABLUE TP40

Porous Paver-Gravel Infill

TERRABLUE TP40 is a porous paver that can provide a solution to a wide range of trafficking needs especially in providing a stable, free draining pavement surface that retains gravel in situ. The application might be a gravel car park, an emergency access route or wheelchair/disabled access path. **TERRABLUE TP40** plastic paving grids have been designed, using carefully selected recycled plastics to meet the demands and loadings imposed across a wide range of end requirements and site conditions

Applications/Uses

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



TERRABLUE TP40 porous plastic pavers can be filled with a 5mm to 20mm mixed sharp angular aggregate/gravel to give a very stable, hard working and free draining working surface. The design of **TERRABLUE TP40** plastic porous pavers allows excellent interlock with the gravel resisting and negating dynamic and lateral loadings so the gravel and paver remains in situ with little or no maintenance requirements. The retained gravel finish, when installed correctly will provide a hard wearing, robust and permeable free draining surface that would have an expected lifetime of many years. Please see our installation and design guidance documents for further information.

TERRABLUE TP40 porous 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 and allows excellent interlock between angular stone/gravel particles where a gravel pavement is required. 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.

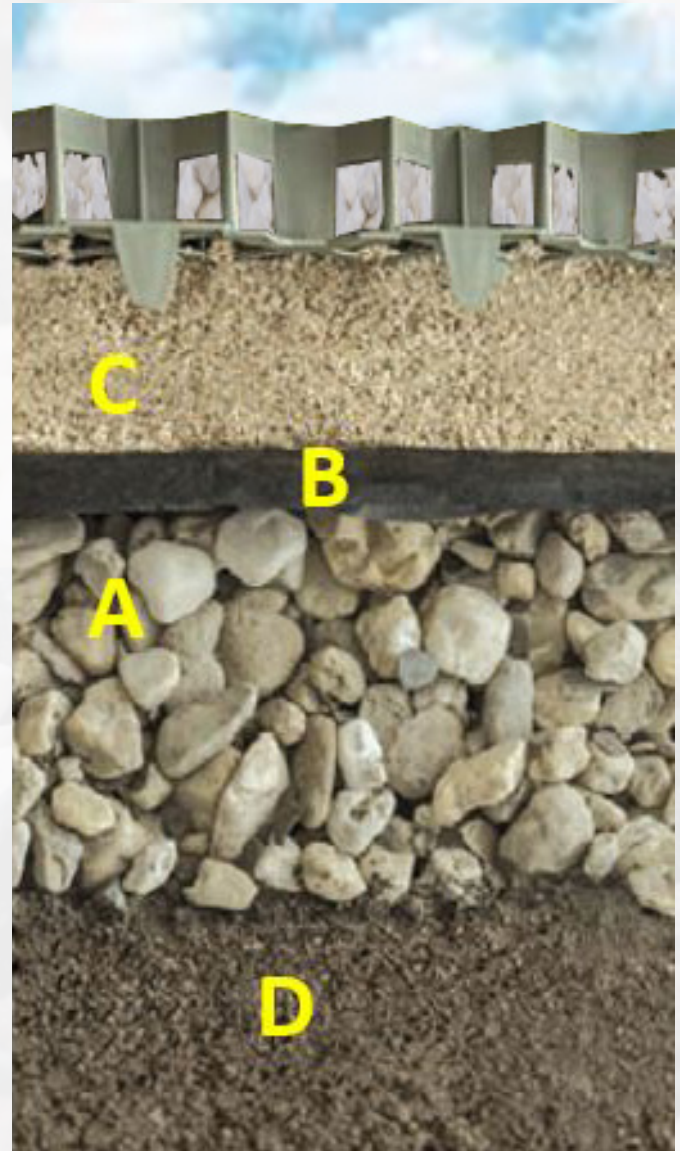
TERRABLUE TP40 porous plastic paving grids have been designed to meet the demands laid down by local government regarding flood alleviation and SUDS requirements (Sustainable Urban Drainage Systems). **TP40** pavers provide a porous/permeable pavement surface that allows rainwater/flood water to infiltrate 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.
- Finally the **TERRABLUE TP40** paving grid should be filled with 5-20mm angular gravel. It is recommended that the gravel is checked after a couple of weeks of use and topped up if necessary.

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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