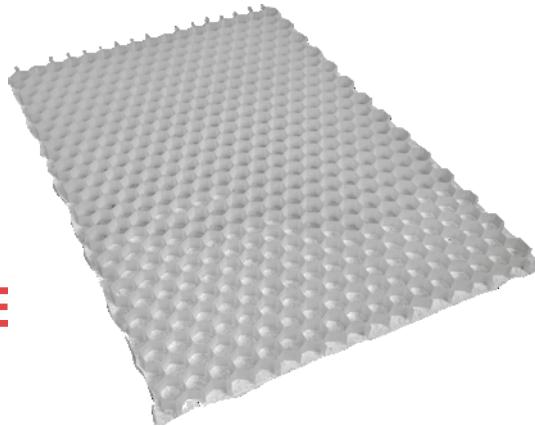


DekRock Gravel

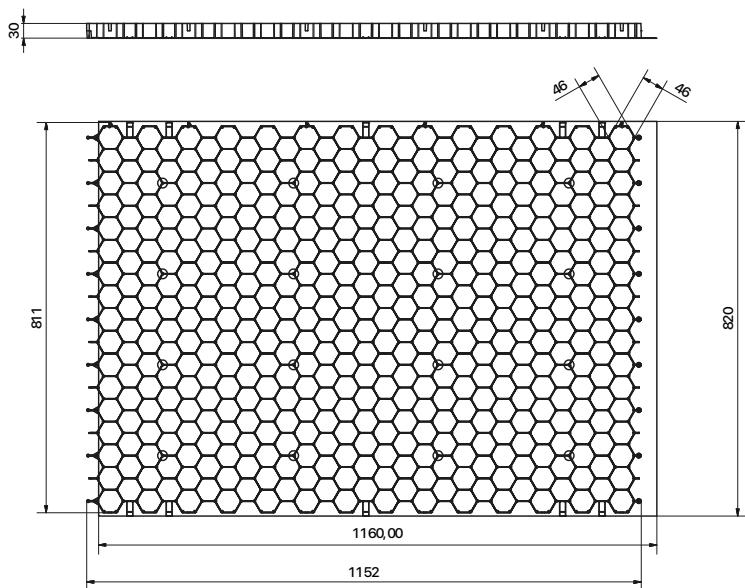


INSTALLATION GUIDE

The versatile, low cost, high strength solution. At 1.53kg per grid, this paving option won't strain your back or your finances. It can be purchased in any quantity, avoiding unwanted residue and aiding in financial control. The product includes a membrane, ensuring you only buy what you need at one inclusive price. It cuts easily to form a multitude of angles and radii, creating perfect winding pathways.

Designed for pathways where migrating gravel or muddy conditions are problematic and costly to maintain, DekRock Gravel secures gravel or soil within encapsulated pockets. It is also prevented from migrating into the earth by a pre-attached polypropylene membrane, which simultaneously allows water to flow through to the sub-base.

Nonwoven polypropylene geotextiles boast higher puncture and mullen burst strength than their polyester counterparts, making them highly resistant to installation stresses and enhancing their construction / installation survivability. Characterised by their high porosity, elongation, and energy absorption properties, nonwoven polypropylene geotextile fabric is ideal for a wide range of applications, including subsurface drainage, filtration, and separation.



This popular form of ground stabilisation not only preserves the aesthetics of a project but also offers a durable solution for landscaping areas in need of additional support to prevent movement, collapse, and destruction. Once installed, it facilitates safe manoeuvrability for pedestrians and cyclists and contributes to a cleaner local environment. The built-in natural drainage is compatible with SuDS requirements for developments / projects and can be filled with aggregate or grass-seeded soil.

- Lay an even compacted substrate base layer in limestone gravel, porphyry gravel, or concrete debris MOT Type (0 to 32 mm or 0 to 40 mm).
- Cover with a Bedding / levelling layer, which can consist of sieved sand and gravel with a diameter of max 4 mm
- Lay DekRock stabilizing slab with geotextile facing the ground use pin and hook system to connect each Layer together.
- Fill with suitable gravel of size 4 to 12 mm. For driveway use, granule of harder aggregates such as porphyry, basalt and granite.
- To complete the project fully cover the top of the DekRock Gravel with a 2-cm layer of levelled gravel so that no DekRock Gravel honeycomb surface is visible.

DekRock Gravel



TECHNICAL DATA

| Measure | | Value |
|--------------------------|--|--|
| Void Ratio | % Open | 99.4 |
| Load Bearing Capacity | Tonnes /m ² (EN ISO 844) Unfilled | 140 |
| | Tonnes /m ² (EN ISO 844) Filled | 400 |
| Operating Temperature | °C | -50 to + 80 |
| Chemical Resistance | | Resistant to acid, leaching, alcohol, oil, petrol, strewing salts, ammonia etc |
| Grid-fill Mediums | NBS Sec Q23 | Angular gravel up to 10mm |
| | NBS Sec Q30 | Grass seeding / turfing |
| Sub-Base Requirements | | Inert stabilized material |
| Max Gradient | | 10% |
| Max Vehicle Speed | mph | 10 |
| Max Carry Load | | 20 tonne axle load |
| Est rate of installation | m ² / hr / person | 300 |
| Colours | | Grey |