Cedagravel®
Gravel Stabilisation System
The Stability of Paving with the Versatility of Gravel

Technical Guide

Material	Polypropylene
Sheet Dimensions	2150 x 1140 x 40mm
Honeycomb Diameter	43mm
Strength at 20°C	300 tonnes filled
Drainage Capacity	100% Porous
Biological Resistance	Excellent
Chemical Resistance	Resistant to almost all chemicals
Thermal Properties	Resistant in temperatures from –40° C to +80° C
Weathering	UV Resistant

The Product

The Gravel Stabilisation System consists of polypropylene trays formed from hexagonal tubes. These are then laid on compacted ground and filled with gravel. The trays are backed with a fibreglass membrane, which inhibits weed growth and helps prevent gravel loss, whilst remaining free draining. The gravel compacts into the tray sections to form a solid surface.

The Gravel Stabilisation System is chemically inert, resistant against ageing, accidental chemical damage, microorganisms and rodents. It can also be recycled.

Geotextile Sheet

The porous geotextile applied to the underside of the sheet provides the following benefits:

- It prevents the gravel from getting beneath the sheets and eventually pushing them up.
- It prevents the gravel from sinking into the substrate under the influence of the loads on the paving, so that you no longer need to top up the gravel.
- It slows down root and weed formation.

Attention: weeds do not come out of the ground. Weeds are caused by seeds that fall onto the paving (birds, wind, etc.). In moist ground combined with calciferous stones, these seeds will germinate. Gravel, however, does not provide a good medium. The roots will concentrate in one honeycomb, as it is almost impossible for them to pass through the root sheet. In the next dry period, the weeds will die off as they will experience a sudden water shortage, because in combination with the honeycomb structure gravel drains water perfectly.

The geotextile on the base is larger than the actual sheet allowing for an overlap with the adjacent sheet.

Cedagravel®

CED LTD, 728 London Road, West Thurrock, Grays, Essex, RM20 3LU
Tel: 01708 867237, Fax; 01708 867230, Email: sales@ced.ltd.uk, www.ced.ltd.uk

1