



Sub Base **GUIDELINES**

Stabilised gravel paving

Stabilised gravel honeycomb elements should be placed on suitable, compacted previously constructed sub base (see below for sub base options)

Sub base should receive a lightly compacted blinding layer of up to 25-30 mm of grit sand or limestone/granite fines.

Units should be bedded onto blinded surface, in a flat layer, to a slight fall if required. Stabilised gravel honeycombs units are then overfilled with selected gravel to a recommended depth.

Gravel requirement will be 65 kg and 75kg per sq.metre depending on system used.

After fill, surface should receive a misting of water to wash through any residual surface fines and then accelerate consolidation by a single pass with a plate vibrator or similar light compaction aid

NOTES - FOR SUB BASE OPTIONS

- a.** For most applications including pedestrian, light vehicle and occasional access by emergency and utility traffic, sub base should comprises of 10 cm of fully compacted type 1 sub base, with a 25-30mm binding layer.
- b.** For regular heavier vehicle access and heavy traffic areas, such as car parks.15cm of fully compacted type 1 sub base, with a 25-30mm blinding layer
- c.** For domestic, pedestrian only applications it is possible to set the units onto compacted earth, followed by a sand binding layer.
- d.** For fully permeable paving, or water harvesting applications make up should be:
 - i. Earth fully compacted
 - ii. Layer of geotextile
 - iii. 25 -27.5 cm of single size filter media gravel, compacted in layers.
 - iv. Geotextile layer
 - v. Sand/fines bedding layer
 - vi. Stabilised gravel honeycombs panels filled to required depth and finished as per recommendations above.



Honeycomb cells exposed for illustration purposes

AVAILABLE LOCALLY FROM



Hardscape Resourcing Ltd.
Westleigh Hall • Wakefield Rd
Denby Dale • Huddersfield
West Yorkshire HD8 8QJ

Tel: 01484 860044
email: sales@hrlonline.co.uk
www.hardscape-resourcing.co.uk