Verge Reinforcement

Introducing ABG ConcertinaWeb, geocellular verge reinforcement system
ConcertinaWeb is a geocellular containment system which confines and strengthens infill materials and provides a cost effective solution for the reinforcement of roadside verges. When installed ConcertinaWeb helps prevent verge failure and material loss in the event of vehicles over-running. Vehicles which stray onto soft verges can lose control with disastrous consequences. Deep rutting can form and during heavy periods of rain significant wash out can occur. ConcertinaWeb is a cost effective solution to what is often a perennial problem; traditional methods such as introducing granular material only provide a short term fix, as unbound materials tend to migrate, especially during periods of inclement weather. ConcertinaWeb can also be used to prevent stone scatter caused by vehicle over-run where filter drains are located at the carriageway edge or in the central reservation. Filter stone displaced and scattered from the road edge by vehicle over-run presents a hazard to other motorists.

ConcertinaWeb as vegetated verge reinforcement

- **Pavement Construction**
- **Kerbside vegetation**
- **ConcertinaWeb**
  - Infilled with topsoil to support growth of verge vegetation
- **Geotextile**
  - Non-woven Terrex filter geotextile. Depending on site conditions this may not be required.
- **Prepared subgrade**
Features and Benefits
• Allows green finish
• Lightweight and easy to install
• Prevents verge rutting
• Reduces stone scatter
• Cost effective

Typical Applications
• Verge Reinforcement
• Drainage stone management

ConcertinaWeb as verge drainage aggregate containment
This literature together with technical data, specifications, design guidance, technical advice, installation instructions or product samples can be obtained by contacting ABG Ltd. All information supplied in this brochure is supplied in good faith and without charge to enable reasonable assessment of the practical performance of ABG products. Final determination of the suitability of information or material for the use contemplated and the manner of the use is the sole responsibility of the user. As design and installation is beyond the control of ABG (unless specifically requested) no warranty is given or implied and the information does not form part of any contract. ABG reserve the right to update the information within at any time without prior notice. ©2015 ABG Ltd.