

# Stabilisation Geogrid

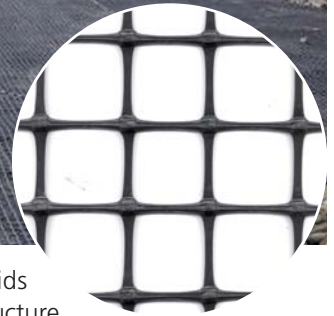
Stabilisation geogrid SG20 & SG30 are very high strength black bi-oriented polypropylene grids essential for ground stabilisation, soil reinforcement and slope stabilisation. The geogrids are UV stabilised, available in 4m widths and offer exceptional mechanical performance. Stabilisation geogrids help to stabilise the ground by increasing bearing capacity, controlling differential settlement, reducing layer thickness and increasing load distribution. Typical applications include:

- Airport taxiways
- Temporary access roads.
- Beneath Bodpave® grass/gravel paving grids
- Farm gateways
- Road construction

Boddingtons' Stabilisation geogrids are designed to reinforce granular sub-bases by combining the fill material and to stabilise weak and variable soils. They are high quality, safe and an economical solution for soil reinforcement and stabilisation. Mainly used for reinforcement of soft ground reducing the influence of intermittent traffic loading. Applications include roads and other trafficked areas, railways, earthworks, foundations, retaining structures, reservoirs, dams, canals, solid and waste disposals, tunnels and underground structures.



SG20 stabilisation geogrid installed in a road bed construction



- Boddingtons' Geogrids have a balanced structure with equal machine and transverse direction strength and a high stiffness and is CE marked to comply with the EU Construction Products Directive.
- Highly resistant to UV light degradation and can be used for many years in exposed conditions.
- Unaffected by micro-organisms, acids, alkalis and salts normally found in soil.
- Predicted to be durable for in excess of 25 years in 'normal' soils on the basis of assessments to ENV ISO 13438 and EN 14030



Boddingtons supply both SG20 & SG30 geogrids that offer a tensile strength of 20kN/m and 30kN/m respectively. Please contact one of our technical managers for further product details.

## Technical Specifications

PRODUCT	ROLL SIZE	MESH APERTURE	WEIGHT	TENSILE STRENGTH @ MAX LOAD	MATERIAL	PART No.
SG20	4m x 50m	40mm x 40mm	200g/m <sup>2</sup>	20kN/m	Polypropylene	055180
SG30	4m x 50m	40mm x 40mm	300g/m <sup>2</sup>	30kN/m	Polypropylene	056361

