



Don & Low
MEMBER OF THRACE GROUP

> Lotrak[®] Biaxial Geogrids

Lotrak[®] biaxial geogrids provide ground stabilisation and reinforcement in a wide range of civil engineering projects. Through the interlock mechanism, the geogrid is specifically designed to control movement of aggregate materials. The use of a geogrid results in a reduction in the quantity of required fill material, by increasing the bearing capacity of the underlying ground, offering performance and cost benefits to the project.



Effective interlock of aggregate material



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All Lotrak® geogrids have good mechanical properties. High strength, combined with low elongation provide effective reinforcement. The aperture design of the biaxial grids allows the aggregate to interlock and encourages load dispersal. Used in unpaved road applications, including access routes to wind farms, Lotrak® geogrids provide the necessary stabilisation to allow the use of land which was previously unsuitable for redevelopment or construction.

The use of a Lotrak® biaxial geogrid can often lead to the use of an additional filter geotextile. Lotrak® geosynthetics are a complementary range of woven and nonwoven separator fabrics which can be used in conjunction with the biaxial geogrids to meet the required performance standards in a variety of civil engineering applications.

Key benefits of the Lotrak® Geogrids:

- Effective reinforcement and soil confinement
- High tensile strength with low elongation
- Cost effective design component
- Manufactured under ISO Quality Management and the Construction Products Regulation

For more information, please contact us at:

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Use of Lotrak® biaxial grid in unpaved road applications



Lotrak® biaxial grid in new road construction