

CI/SfB

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Common Arrangement R12

Uniclass

L1411



AlertTM



Highly visible warning barrier



Geosynthetics

Alert™

Highly visible warning barrier



Highly visible and extremely durable, Alert™ is a geotextile warning barrier combining excellent puncture resistance and permeability with efficient filtration.



With government policy leading to an increase in the development of brownfield sites, the decision is often made to contain hazards underground instead of removing or neutralising them. In these cases it's vital that adequate warning is put into place to protect anyone carrying out future excavations.

Responding to a growing need to address this problem, Geosynthetics have developed Alert™. Manufactured from polypropylene in a vibrant orange, it provides a long-lasting and effective solution.

Reliable and easy to use, Alert™ gives you excellent performance with these superior properties:

- UV Resistant
- Resistant to most acids and alkalis
- Unaffected by microbiological organisms
- Environmentally compatible



Product range



What is an Orange Underground Warning Geotextile?

It's important that any contamination buried in the ground is marked to give early warning of its presence to anyone excavating the area in the future.

The placing of a warning tape in the ground above water, electrical and gas supplies is common practice but it's just as important to give the same warning for large areas of safely contained contamination.



Why use a geotextile?

By using geotextiles you can make sure that the underlying soil will be retained at the same time as maintaining effective drainage. What's more Alert™ gives you many other advantages including:

- High puncture resistance
- Good Permeability
- Excellent filtration
- High tensile strength
- Clear warning over large areas

And of course its bright orange colour makes sure that it's quickly and easily recognised during excavations.



Why Orange?

As an established colour for this purpose, orange is the perfect choice for an underground warning barrier helping to increase the chances of recognition. As well as being used for barrier fencing, orange is already used extensively for a wide range of underground warning products.

Top: Clean fill cover being installed at Cradley Heath, W. Mids

Middle & Bottom: 80,000m² being installed at the former Vosper Thorneycroft Works, Woolston

Geosynthetics Ltd is a leading distributor

Please call

01455 617 139

or email sales@geosyn.co.uk
for further information.

Wide
product
range

Large
stock
holding

Next day
delivery

Alert™

Alert™ is a variation on our best selling woven polypropylene geotextile, Rhyno® GW8118.

Produced in orange instead of the usual black, it retains all of the properties that give Rhyno® its outstanding performance qualities. Manufactured from extruded polypropylene tapes with high tensile strength at low elongations and a good hydraulic properties, Alert™ excels as both standard separator and underground warning barrier.

Applications:

The material properties can support a number of applications including

- Separation
- Filtration
- Drainage
- Reinforcement
- Support
- Warning barrier

Chemical resistance

Polypropylene is resistant to most naturally occurring soil acids and alkalis. Additionally polypropylene will not rot and is able to withstand fungal attack. As well as this Alert™ gives good resistance to a wide variety of chemicals - please contact us on **01455 617139** or email us at sales@geosyn.co.uk for more details.

Environmentally friendly

No hazardous chemicals are used in the production of polypropylene, and when incinerated it only produces carbon dioxide and water - both completely harmless substances.

Top, Middle & Bottom: Centenary Quay

utor of geosynthetic materials in the UK

Design
service

Onsite
support

See all products
online at
geosyn.co.uk



Geosynthetics



Quality assurance and service

Certified Quality

Alert™ woven polypropylene geotextiles are manufactured under a quality management system which is certified in accordance with the most comprehensive standards set by the International Organisation for Standardisation; namely ISO 2001:2008.



Accreditation

Alert™ woven polypropylene geotextiles are CE marked in accordance with The Construction Products Directive (CPD 89/106/EEC). CE marking demonstrates conformity to The Construction Products Directive (CPD 89/106/EEC) and indicates the stringent testing and certification of Factory Production Control (FPC) that Alert™ has gone through to meet the highest European geotextile standards.



Our Service Commitment

We're committed to offering you the most comprehensive range of Geosynthetic products from stock with next day delivery as standard. We're also constantly seeking to improve our service levels to you and proud of our record so far.

Call **01455 617 139** for expert technical advice from our fully trained staff.

Geosynthetics Ltd is committed to offering the best solutions for soil stabilisation, erosion control, drainage and environmental protection problems.

Well trained staff are always available to discuss which materials are best suited to any particular applications.

Technical specification



Alert		Orange
Tensile strength (kN/m)	Warp	17.2
BS EN ISO 10319	Warp	11.5
Elongation at break (%)	Warp	15
BS EN ISO 10319	Warp	11
CBR Puncture Resistance (N)		1900
BS EN ISO 102236		
Water flow normal to the plane (l/m ² /sec)		32
BS 6906 Part 3		
Pore size 90% finer than (microns)		180
BS 6906 Part 2		
Effect of UV light	The polypropylene used contains UV inhibitor	
Fabric thickness under 2kN/m ² (mm)		0.39
Standard roll width (m)		4.5
Standard roll length (m)		100

The values quoted are typical values based on measurements in current production and test results from independent test institutes.

Width up to 5.2m and longer roll lengths are available on request.

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Please call - 01455 617 139

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