

# **PRODUCT RANGE**

**ENVIRONMENTAL SERVICES**

**TEMPORARY FENCING**



## Foundations of our success ...

The Advanced Group is a proudly Australian owned and operated company.

We are able to offer a wide range of services from erosion control through to temporary fencing and labour hire and have been operating throughout Australia since 1989. We work closely with our customers to deliver a high level of service and the appropriate environmental solutions to the problems encountered in the Construction industry, civil development, mining and events industries across Australia.

We are acknowledged as the leaders in our field within these industries with respect to National Code compliance, Australian Standards, Safe Work practices and other recognised best practice outcomes. Our service is always delivered with the highest levels of professionalism and with the customer in mind which is reflected in the long standing relationships we have developed with some of Australia's largest companies in these sectors.

Our consultative approach, flexibility and willingness and ability to tailor our offering to meet the exacting standards of any project is unique and is appreciated by our customers.

This booklet serves to afford the reader a clear overview of our products and services to ensure your needs are accurately addressed making this a simple process.

Thank you for considering The Advanced Group for your site establishment requirements. We appreciate the opportunity to work with you to provide the best service requirements and solutions for all of your environmental and temporary fencing needs.

Mitch Bruger  
*National Marketing Director*



# EROSION CONTROL & ENVIRONMENTAL SERVICES



## Standard Silt Fence

Standard silt fence consists of a geosynthetic fabric which is trenched, back filled and stapled to Australian hardwood timber pegs at 2m centres. This is a minimum requirement of most councils around construction sites. This is installed under strict operating guidelines for effective erosion and sediment control meeting all Council and EPA requirements.



## Printed Silt Fence

Printed silt fence uses our standard geosynthetic fabric together with a specially constructed printing press. The end result is a printed banner that is an effective and inexpensive method of advertising a building site or development. Printed silt fence has the same erosion and sediment control benefits as standard silt fence.



## Heavy Duty Silt Fence

Heavy duty silt fence includes additional reinforcing for installation in areas which may require additional structural strength. This fence is trenched, back filled and clipped to a strand of tensioned wire running through steel pickets (including picket caps). This fence is installed under strict operating guidelines for optimum effectiveness and longevity.



## Combination Silt and Safety Fence

Combined silt and safety fence consists of silt fence trenched, back filled and clipped to a strand of tensioned wire running through 1.65m steel pickets. Orange barrier mesh is then clipped to a top and middle wire to provide a visual barrier fence. All materials used are designed to withstand the harsh UV conditions of Australia.



## Tree Protection

Tree protection is a visual barrier designed to provide exclusion areas on a construction site. The types of materials used and the installation methods employed vary from site to site depending on the requirements of the project and the conditions of the land. We work closely with civil engineers to provide the most effective solution where exclusion areas are required on a site.



## Safety Fence

Safety fence is an orange barrier mesh clipped to 2 strands of tensioned wire running through 1.65m steel pickets (including picket caps). The quality of our products and our installation methods ensure that the fence will remain visible and taut under the harsh Australian weather conditions.



# EROSION CONTROL & ENVIRONMENTAL SERVICES



## Dust Fence

Dust fence is shade cloth clipped to 4 stands of tensioned wire using 2.4m steel pickets. This provides a visual screen and is an effective product to protect neighbouring properties from dust and debris generated by development on a construction site. We only use quality products so that the fence is long lasting with a pleasing visual appeal.



## Bunting and Flagging

Bunting and flagging is a simple and effective product which is used as a low cost method for general site exclusion. This can be sold "as is" or supplied and installed as directed. In addition to this, we can provide a wide range of other construction site tools and consumables.



## Rural Barbed Wire Fencing

We offer professional installation of rural barbed wire fencing in any configuration required. This can range from a temporary and more cost effective style to a permanent property fence.



## Silt / Flotation Curtain

Our simple, effective sediment control curtains are used in construction projects adjacent to waterways to minimise the sediment moving into the natural stream system. This allows contractors to continue their works without fear of environmental contamination and the resultant fines and penalties which may apply.



## Geotextiles

We supply and install a variety of geotextile products to suit a range of purposes. Functions include separation, filtration, drainage, protection and reinforcement. We work closely with the manufacturer so that products are installed under controlled conditions and according to the prescribed guidelines. This ensures the product always performs to its specifications.



## Geogrids

Geogrids are used extensively in the construction of railways and roads where the ground is so. Geogrids are also used in the construction of retaining walls. We have extensive experience of installing geogrids in large quantities and are confident in the products we use. We also consult regularly with manufacturers to ensure the best design solution.



# EROSION CONTROL & ENVIRONMENTAL SERVICES



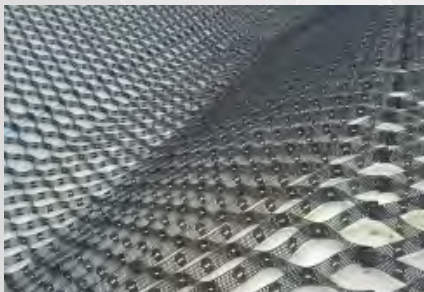
## Geosynthetic Clay Liners (GCLs)

GCLs are used as a lining system in landfills and waste containment structures and for liquid containment in effluent ponds, wetlands and canals. GCLs consist of a layer of bentonite clay bonded between two layers of woven and non-woven geotextiles. The needle punching process reinforces the bentonite layer with thousands of fibres, maximising the product's internal resistance. An additional heat treating process called 'thermal locking' secures the needed punched fibres, further improving strength and performance. GCLs can replace thick, compacted clay layers in composite land landfill liners and caps thanks to the fast swelling sodium bentonite clay liner. This creates a highly effective containment barrier for landfill final cover systems and base landfill liner systems. ELCOSEAL® GCLs can self-heal around holes or punctures so there is less chance of leaks due to installation damage.



## Concrete Canvas (CC)

Concrete canvas (CC) is a flexible concrete impregnated fabric that hardens when hydrated to form a thin, durable water and fire proof concrete layer. Concrete Canvas has a number of applications in the civil and military sectors including ditch lining, slope stabilisation, pipeline protection, rooting, foundation binding, asbestos containment, water tanks, flood defences, shotcrete replacement, tunnel lining, retaining walls, building cladding, sand-bag reinforcement, gabion reinforcement, expedient resurfacing and dust suppression.



## Cellular Confinements

Cellular confinement systems are typically a 3-dimensional product in which material is placed and compacted. This action prevents erosion and improves the structural integrity of the infill system. This is an effective solution for stabilising slopes, low velocity channels and as a support platform in unsealed roads.



## Erosion Control Matting

These products are used as a ground cover to minimise erosion from wind and water. They help with vegetation establishment and encourage growth. Once established, the vegetation performs as more permanent erosion control. As with all our products, they are installed according to manufacturer's guidelines.



## Gabion Baskets and Reno Mattresses

We supply and install gabion baskets and reno mattresses which are a trusted, well proven and technically sound way to retain earth and control erosion. They have been used extensively throughout Australia for almost half a century - from remote mine sites to urban parklands. Our teams provide an efficient installation solution for these products.



# EROSION CONTROL & ENVIRONMENTAL SERVICES



## Fauna Fencing

Fauna fencing is installed to prevent access of animals to site. Whilst specifications vary from site to site most common is 1.8m chainwire mesh on 2.4m steel pickets, 3 strands of wire with the top of the mesh unsecured and folded toward the fauna side. All other specs can be supplied/installed to suit any site specific requirements.



## Tubestock Planting

Re-vegetation and site remediation particularly along road works sites or infrastructure sites can be a tedious and time consuming task. Our trained personnel provide a cost-effective alternative to traditional site labour for an efficient planting labour solution. Supply and planting of quality tube-stock which is locally sourced is the ideal solution for your site.



## Impermeable Fencing

A positive barrier to contaminants and/or fauna, Impermeable Fencing by Advanced Environmental Services is a rapidly deployed environmental protection device unlike any seen in Australia to date. Primarily used to contain contaminants or soil fines from entering environmentally sensitive areas using a 1000 micron composite sheet attached to 1.35 steel pickets and strands of wire for additional structural integrity if required.



## Frog Fencing

This is a specialised fence which has been specifically designed to protect frogs and other amphibians that are living in habitats close to construction sites or roadways. We have a variety of different designs to accommodate various site requirements and ecological concerns.



## Silt and Mulch Socks

Silt socks and mulch socks are a versatile and relocatable alternative to sediment fencing. Various sized socks can be filled with mulch, sand or gravel that can be deployed quickly to protect sediment run-off. Products can be supplied and installed to suit site requirements.



## Dust-Loc

Dust-Loc is a synthetic fluid designed to handle heavy and damaging traffic movement over large surfaces. There is no on-going water requirement and the non-slip finish actively self-heals after wear. The product has been tested and is manufactured to ISO9001 standards.



# TEMPORARY FENCING



## Mesh Fencing

Climb resistant fence for most construction and event applications. Australian Standard 4687 compliant 1.85m high fence with European “Anti Climb” mesh profile. Offers excellent security at any site.



## Crowd Control Barriers

Crowd control barriers are perfect for the provision of low security “no-go” zones or for general demarcation. It is quick and easy to install, relocate and remove so short-term events can be easily catered for.



## Sheeted Hoarding

Hoarding fence provides a visual block out and therefore offers a higher degree of security and safety. All bracing is supplied and the product and installation are compliant with Australian Standard 4687.



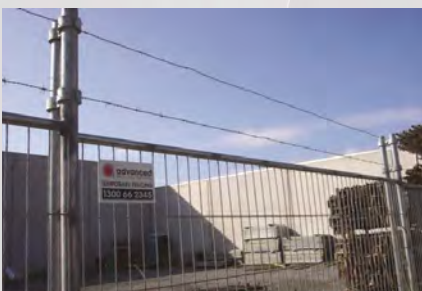
## Shade Cloth

Serving a dual purpose of dust reduction as well as visual restriction, shade cloth can also improve the appearance of a construction site and provide a clean background for additional signage and advertising (subject to council provision). Shade cloth offers partial protection for light debris.



## Bracing

Back bracing is a requirement of Australian Standard 4687 where signage or shade cloth is applied to a fence. In high wind areas, we also recommend bracing to a regular mesh fence to avoid the risk of movement.



## Barbed Wire

To take your site security to the next level, we can provide one or more strands of barbed wire to the top of any fence product.

# LABOUR HIRE

For a flexible and dynamic workforce, we can provide general labour as and when required. This can be one person for a day or ten people for a year, depending on your requirements.

We have a proven track record in deploying labour on large projects so that construction milestones can be achieved on time and on budget. The ability to vary the amount of labour in this way is proving to be critical for such projects.

All of our people are proficient and prequalified for most general construction and erosion control tasks, and in most cases they are fully experienced in the installations they may encounter. Our commitment is to provide a skilled team that is performance driven and safety conscious.

We are fully licenced in each State and carry all the necessary Workcover insurances for piece-of-mind.





# ABOUT US

## The Advanced Group

The Advanced Group employs over 1500 people nation-wide. We are wholly Australian owned and operated and pride ourselves on delivering the highest service standard at the best possible price.

## Quality

We only install and provide our services to recommended standards, specifications and guidelines. We work closely with manufacturers and suppliers to ensure the correct installation and optimum product effectiveness.

## Code compliant

Our company is code compliant for all Government funded projects. We have extensive experience on large scale developments and are well versed in meeting regular code reviews, audits and checks.

## Memberships

We are product members of several groups and associations, including:

- International Erosion Control Association (IECA)
- Civil Contractors Federation (CCF)
- Master Builders Association
- Housing Industry Association
- Wire Industry Association



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