

Brownfield Land

Pozidrain drainage geocomposite applications
for brownfield land developments

● Brownfield Development Solutions

Pozidrain for contaminated land reclamation

Pozidrain geocomposite has applications in developments on contamination land and where remedial treatment is required to control or reduce unacceptable risks. It provides developers, planning advisers and designers with an economical and effective solution for proposed developments on contaminated land. It enables brownfield sites to be developed safely using a risk-based approach to meet regulatory requirements.

Pozidrain creates opportunities for contaminated land to be developed without delay and in a cost-effective, and secure manner. Pozidrain provides a technical performance equal to a crushed stone layer of 300-500mm thickness.

Design solutions

Pozidrain consists of a single or double cuspated core with a non-woven geotextile bonded onto either one or both sides. The cuspated HDPE core acts as a high performance clear void forming drainage medium and capping membrane. High tensile strength and puncture resistance ensures excellent reinforcement and separation.

Installation

Pozidrain is rapidly installed without the need for specialist plant. The 4.4 metre wide rolls are ideal for large areas. Pozidrain has a built in geotextile overlap.

Supply

Pozidrain is available in 4.4 metre wide rolls, 50 or 100 metre in length.

Thickness

4mm, 6mm, 7mm, 12mm (single cuspated) 7mm (double cuspated).

Chemical resistance

Pozidrain has excellent resistance to chemicals associated with contaminated soil.

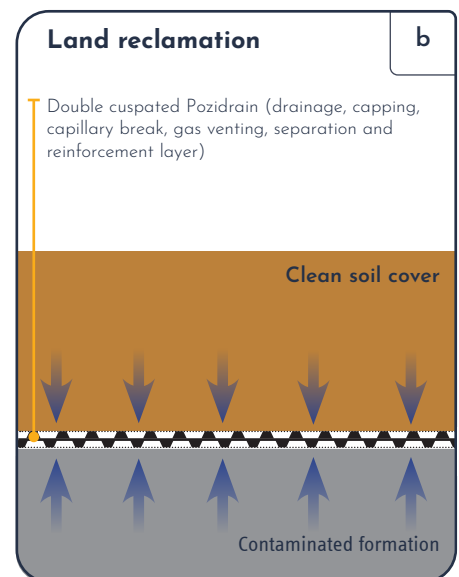
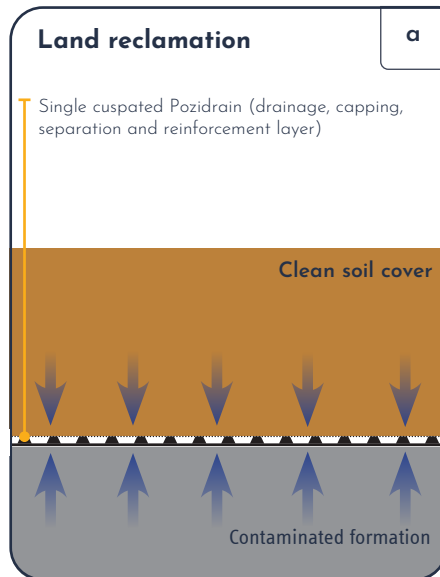


Brownfield developments

Pozidrain geocomposites are widely used in brownfield development applications. Pozidrain installed over contaminated soil will collect and drain rainwater from the clean soil cover. It will provide separation and reinforcement and perform as a capillary break to prevent migration of contaminated water from the sub-formation.

Benefits

The use of Pozidrain void forming layers in contaminated land reclamation, providing both an element of drainage and reinforcement, is the most effective solution to consider instead of crushed stone drainage layers. Due to its unique design Pozidrain also acts as a capping membrane and pollution indicator layer.



About ABG

ABG is a market leader in the design, development, manufacture and technical support of high performance geosynthetic systems for use in a wide range of waste management and environmental containment applications.

Formed in 1988, based in the UK in Meltham, close to Manchester, ABG has attained an excellent reputation for developing quality products and delivering outstanding service. The ability for rapid product development ensures that the most innovative, up to date and cost effective solution can be found for many engineering challenges including basal lining systems, capping systems, reinforced earth applications and high performance drainage.

ABG's involvement in capping and lining systems goes back over thirty five years and we have a complete range of products developed specifically for use in these technically demanding applications. During this period we have supplied projects globally in excess of 50 million square metres.

Technical support is provided by our trained and experienced staff, many of whom are Chartered Civil Engineers. This extensive support extends to full design, design validation, feasibility studies, cost advice and advice on meeting regulatory requirements.

ABG is active on UK and international technical committees to develop guidance and best practice to increase knowledge of geosynthetics and provide effective codes and regulations.



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