



Brownfield

Applications of
Pozidrain drainage
geocomposite
on brownfield
developments

Pozidrain

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 a single or double cusped core with a non-woven geotextile bonded onto either one or both sides. The cusped 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 cusped)
7mm (double cusped).

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.

