

Geosynthetic Technology Ltd

Pre-Welded Attenuation Tank Liners

SUPPLY ONLY

Self Installation



Geosynthetic Technology Ltd

Once an order is placed our experienced teams prefabricate a shoebox liner using the specified material requested by the customer.

- 0.75mm/1mm Polypropylene
- 0.5mm/ 0.75mm Excelastic
- 0.75mm/1mm Linear low-density polyethylene





Geosynthetic Technology Ltd

Our experienced teams can prefabricate and pre-weld simple rectangular shapes or more complicated shaped attenuation tanks. This reduces the onsite installation time as a module can be unrolled and positioned into an excavation with ease. All corners have been professionally welded by TWI qualified engineers using specialist welding equipment.





Geosynthetic Technology Ltd

Once an excavation has been prepared, we can deliver directly to site anywhere in the United Kingdom using our dedicated transport network.





Geosynthetic Technology Ltd

Ensuring the ground is level and free of debris an outer layer of Geotextile Fleece is installed first. This protects the liner from being punctured. Our Geotextile is a high-grade material used for this application offering complete protection to the liner.





Geosynthetic Technology Ltd


Once the layer of Geotextile has been installed the Geomembrane module can now be positioned and placed on top of the protective fleece layer.



Geosynthetic Technology Ltd

When installing attenuation blocks, we would recommend placing the first initial blocks into an 'L' shape to form structure to the overall shape. Attention must be made to ensure no damage or puncturing to the Geomembrane



A photograph of a construction site for an attenuation tank. The tank is being built using large, black, rectangular blocks with a grid-like pattern of holes. The blocks are laid out in a rectangular shape within a deep excavation. A black plastic liner is visible along the left side of the excavation. In the background, there are some orange pipes or markers. The surrounding soil is brown and uneven.

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The Attenuation Tank will start to take shape as more blocks are installed.



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Once all blocks have been placed the next stage is preparing for the installation of the lid



A large, dark, flexible prefabricated attenuation tank is being pulled up over a grid of black plastic blocks in a deep trench. The tank is being guided by a white fabric strip. The surrounding soil is brown and uneven.

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Our Prefabricated Attenuation Tank can now be pulled up and over the formed shape of attenuation blocks.





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With self installation Attenuation Tanks we provide specialist double sided tape for the installation of the lid. Where required, we can offer skilled technicians to weld the lid liner to the main module, this is priced as an extra charge.





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As part of the order we can offer our specialist neoprene tape plus top-hats and jubilee clips for seal around pipes. These are supplied separately to the tank liner.



A large-scale construction project showing a deep excavation pit. The bottom of the pit is covered with a black geomembrane liner. The liner is being installed in sections, with visible seams and folds. Several workers are visible on the liner, and some construction equipment is present. The surrounding walls of the excavation are made of earth.

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Once the Geomembrane lid has been installed the Geotextile Outerwrap can now be pulled up and over the attenuation tank.





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The Pre-welded Attenuation tank with
protective Geotextile outer wrap is now
complete.



Geosynthetic Technology Ltd

Once an order has been placed, we have a dedicated transport system that can deliver modules to anywhere in the UK



BENEFITS OF SUPPLY ONLY

Save money in labour and time when installing

Modules professionally welded and sent directly to any site within the UK

Ease of installation as modules can be unrolled and positioned into position

Prefabricated modules for complicated shapes

One stop shop for all your Attenuation requirements

