



PROTECTION



REINFORCEMENT



GT MEMBRANE 500

Product description

We offer a range of impermeable liners for wrapping modular water storage units/blocks, creating a watertight barrier to prevent storm water from filtering and saturating the surrounding ground. GT Membrane 500 is a standard impermeable geomembrane used for standard 'attenuation tank' applications in SUDS.

The membrane is completely wrapped around the modular water storage tanks to make them watertight, then the whole tank together with the membrane is wrapped with a protection fleece geotextile to prevent the membrane being punctured.

KEY ATTRIBUTES

- Resistance to water and water vapour
- ✓ Procedure
- Chemical resistance

- ✓ Resistance to UV light
- Resistance to puncturing

APPLICATIONS

- Attenuation tanks
- ▶ Modular water storage unites

FUNCTIONS

- ▶ Protection
- ▶ Reinforcement



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SPECIFICATION

| CHARACTERISTIC | UNIT | RESULTS |
|--|--------------------------------|--------------|
| Thickness | Microns | 500 |
| Mass | g/m² | 460 |
| Tensile strength | N/25mm | >180 |
| | Мр | >14.4 |
| Elongation at break | Unaged (%) | >500 |
| | Ageing at 56 days at 80 °C (%) | >250 |
| Tear resistance | N | >20 |
| | N/mm | >40 |
| Impact strength | Body (F50,g) | >1000 |
| | Fold (F50,g) | >500 |
| Durability - effective operational temperature range | °C | 25-60 |
| Colour | | Black |
| Roll Size | m | 4 x 12.5 |
| Material | | Polyethylene |









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- Geoworks is continually seeking to improve our products and therefore reserves the right to alter product specifications without prior notice.
- 2. It is the responsibility of all users to satisfy themselves the above data is current.
- 3. Installation details are available on request.
- 4. All Wrekin products are supplied subject to our Terms and Conditions of Sale, which can be found at geoworks.eco/policies/standard-terms-and-conditions-sale