



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
- ✓ Resistance to UV light
- ✓ Procedure
- ✓ Resistance to puncturing
- ✓ Chemical resistance

APPLICATIONS

- ▶ Attenuation tanks
- ▶ Modular water storage unites

FUNCTIONS

- ▶ Protection
- ▶ Reinforcement



SPECIFICATION

CHARACTERISTIC	UNIT	RESULTS
Thickness	Microns	500
Mass	g/m ²	460
Tensile strength	N/25mm	>180
	Mp	>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

