

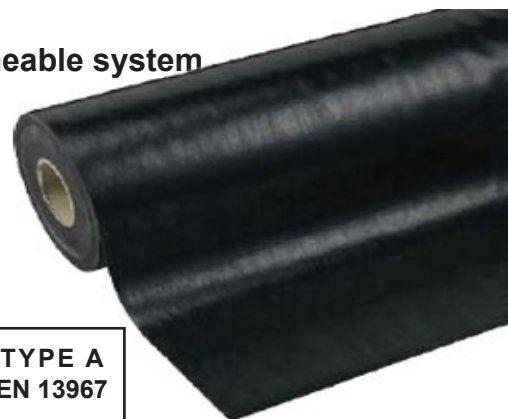
# SOLSHEET 500



## Attenuation Membrane

Solsheet 500 attenuation membrane is a polypropylene geomembrane which is suitable for use in a range of SUDS and permeable block paving systems

- CE Marked
- Essential for tanking the sub-base of every type C permeable system
- Minimise risk of sub grade softening
- Joints can be taped or welded
- Durable under hydrostatic pressure
- Good tear and puncture resistance.
- Excellent tensile strength.



Colour	Product Code	Roll Size
Black	SOLSHEET500	12.5m x 4m



## SOLSHEET - Waterproofing Systems

Last Issue Date: 26.09.19

### Description

Solsheet 500 attenuation membrane is a 2000 gauge thick polypropylene geomembrane which is suitable for use in a range of SUDS and permeable block paving systems. Applications include: residential, industrial estates, sports pitches, car parks, roofs, basements, pedestrian areas and rainwater harvesting.

Solsheet 500 attenuation membrane is resistant to puncture, it combines excellent chemical resistance with low flexural modulus to provide a flexible membrane suitable for rough surfaces to optimise on-site installation

### Installation

The base of the trench should be structurally sound, smooth, with a level surface cleared of any loose debris.

The bed should be covered with Solco Protection fleece to ensure that the Solsheet Geoembrane is not punctured.

This should be installed to the sides of the Solsheet Geomembrane placed against the trench.

Lay the Solsheet 500 attenuation membrane over the geotextile and up the sides of the trench.

Take the Solsheet 500 attenuation membrane around the structure ensuring that the tank is completely sealed.

Solsheet 500 attenuation membrane is resistant to puncturing and tearing however where tears or punctures occur these should be covered with another part of the sheet, overlapped by at least 300mm, sealed with Solco double sided butyl Jointing Tape. Installations should be carried out above 5°C.

Please be aware that a taped system is not suitable for the following conditions:

- Contaminated ground
- In condition of a high water table

All laps must be a minimum of 300mm wide. Solco double sided butyl Jointing Tape should be applied approximately 50mm from the edge. The next width of Solsheet Geomembrane should then be overlapped. Ensure that the Solsheet Geomembrane is clean, dust free and dry at the time of jointing.

Technical Data		Compliance Criteria	Test Method
Length	12.5m	-0% / +10%	EN1848-2
Width	4m	+/- 2.5%	EN1848-2
Thickness	0.5mm	+/- 10%	EN1849-2
Mass	460 g/m <sup>2</sup>	+/- 12%	EN1849-2
Roll Weight	23Kg	-	-
Resistance to Impact	32 mm/dia.	>MLV	EN12691
Resistance to Tearing	195 :198 N	MDV	EN12310-1
Tensile Strength	24.9 : 20.9	MDV	EN12311-1

### Waterproofing System Accessories

SOLCO Double sided Butyl Jointing Tape	Butyl Adhesive Tape	50mm x 10m	Butyl based double sided tape for joints and laps	Rolls
SOLCO XL Jointing Tape	Reinforcing Tape	100, 150 & 300mm	Over-band tape self-adhesive	20m Rolls
SOLCO Protection Fleece	Fleece	5.5m x 80m	Membrane Protection	Rolls
SOLCO Protection Boards	Bitumen / Polymeric	3mm thick	For heavy duty use	2m x 1m
SOLCO Corrugated Board	Plastic Corrugated	2mm thick	For light duty use	2m x 1m