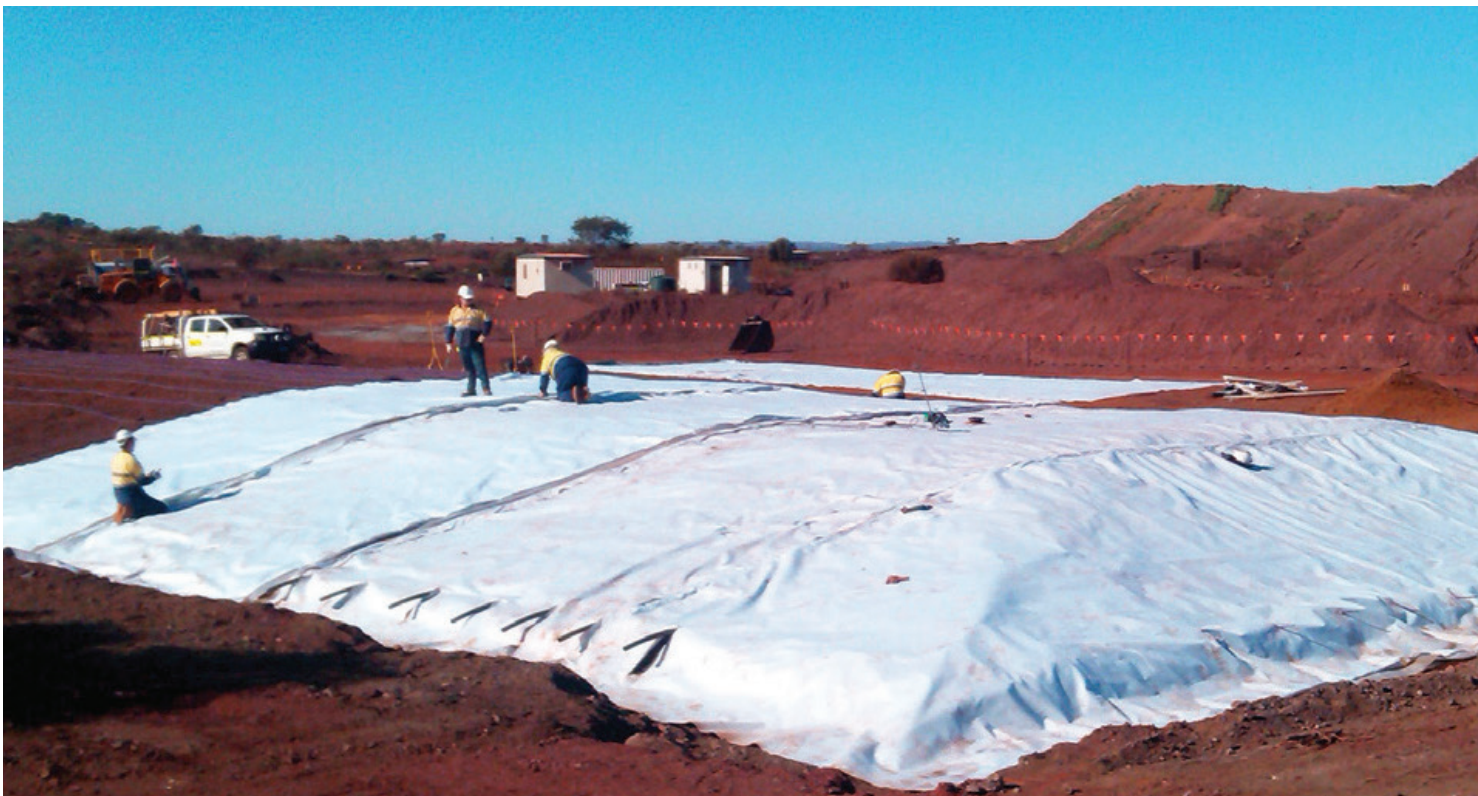


ProLiner® CM Composite Membrane

Geotextile Protected Composite

A composite protected geomembrane liner



Product Information

ProLiner® CM is a geomembrane composite, comprised of 2 layers of geotextile and a layer of geomembrane heat bonded together by extrusion laminating. The product is suitable for seepage reduction, canal lining or channel lining, protection, separation and horizontal drainage. Among these, anti-seepage and canal lining for transport of water in open channels are the primary functions. Seepage can be controlled in projects such as earthen or rock filled dams, concrete dams, sewage ponds, channels, reservoirs, and subway/tunnel basement linings.

This material shortens the construction time for projects and can reduce costs associated with hydraulic engineered lining/cut-off systems. The geotextile layers are securely laminated on either side of the membrane core ensuring, the lining can be installed with immediate protection against potential damage during installation.

Features

- Economical alternatives to traditional containment methods
- Quality products
- Ultra-wide rolls to minimise installation costs
- See page reduction
- Canal / channel lining / protection

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Product Data Sheet

Mechanical Properties	Standard		Unit	ProLiner® CM
Mass per unit area	[ASTM D 5261]	Typical	g / m ²	1250
Grab strength	[ASTM D 4632]	Typical	N	2000
Grab elongation	[ASTM D 4632]		%	50
Trapezoidal tear	[ASTM D 4533]	Typical	N	800
Puncture resistance	[ASTM D 4833]	Typical	N	1000

Physical Identification Properties				
Geotextile layer upper and lower unit mass	Typical		g / m ²	available with 200 or 280
Roll length			m	50
Roll width			m	5.8

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About Us

Leaders in Geosynthetics

Global Synthetics is a 100% Australian-owned company, proud to offer a complete range of high-quality geosynthetic products backed by over 200 years of combined staff experience in the industry.

We have supplied products to some of the largest recent infrastructure works in Australia. Global Synthetics provides major benefits to any geotechnical engineering project with the right products and our technical expertise.

Global Synthetics products are used in the following applications:

- Pavement Stabilisation
- Ground Improvement
- Soil Reinforcement and Retaining Structures
- Water Management
- Drainage Systems & Hydraulic Works
- Landfills
- Coastal Erosion Structures

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