



PRODUCT BROCHURE

TERANAP BITUMINOUS GEOMEMBRANE

Your High Performance Waterproofing Solution

GEOFABRICS & BMI SIPLAST

**Proud Distributor of Teranap Bituminous Geomembrane (BGM)
in Australia and New Zealand.**

As Australasia's leading geosynthetics business, Geofabrics has partnered with BMI Siplast - the leader in the development and manufacturing of the world's most advanced waterproofing materials for over 35 years, to offer and install Teranap BGM in Australia and New Zealand.

Developed for the most demanding geomembrane applications and manufactured to exhausting specifications, this unique high-performing elastomeric bituminous geomembrane is able to consistently maintain its integrity in an ever-changing environment and has proven itself a reliable, practical, and durable liner for concrete and earthen canals; settling basins; embankment stabilisation; dams; mine waste containment; wastewater storage, reservoirs; ponds; potable water storage and hatchery applications.

Unique among waterproofing materials, Teranap 331, 431 and 531 combine SBS polymer and the highest quality asphalt with puncture resistant polyester reinforcements. This special combination dramatically increases performance in key areas such as mechanical properties, cold flexibility, elasticity, and resistance to the elements. The result is a geomembrane that can consistently maintain its integrity in an ever-changing, inconsistent environment.

With a history in product innovation combined with extensive geosynthetic field experience, the Geofabrics - Siplast partnership offers unrivalled quality from production to final installation. Serving the waste, mining and geo-environmental industries worldwide we pride ourselves on establishing client trust and providing quality product and service at the best value.

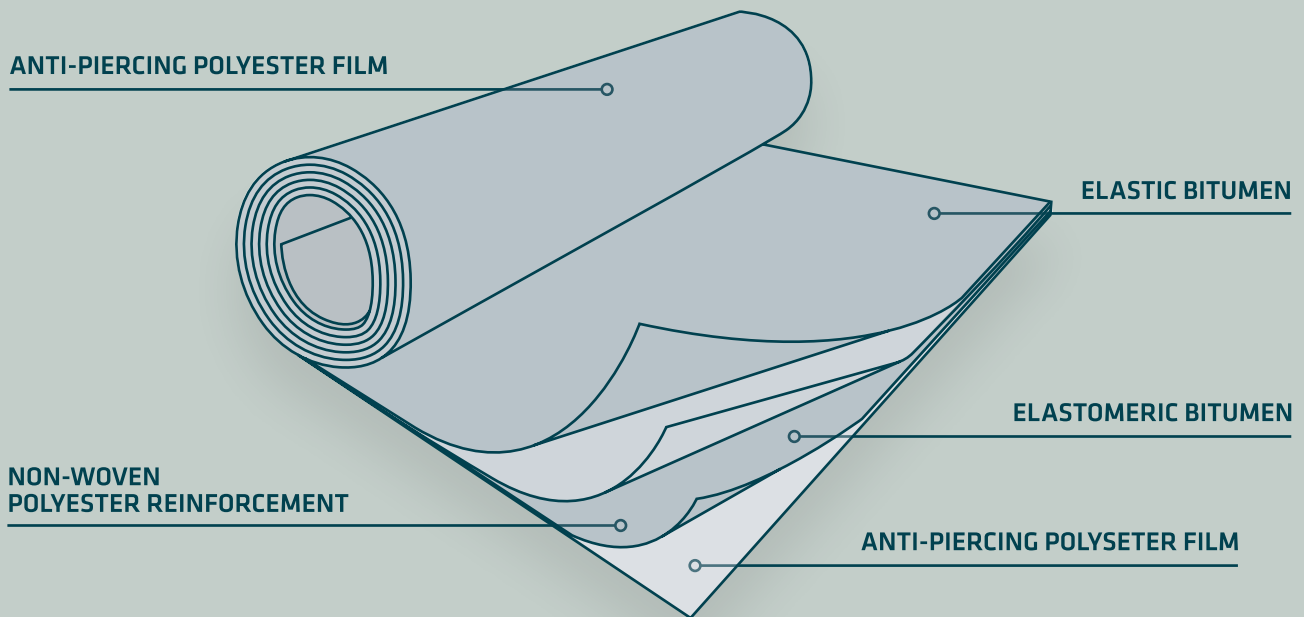
Teranap is a great solution for applications including:

- Gas vapor mitigation
- Caps, mining
- Tailing dams and ponds
- Concrete dams
- Wastewater
- Embankment dams
- Tunnels
- Canals and irrigation
- Heap leach pads
- Landscaping Ponds



TERANAP | MINE WASTE CONTAINMENT

Teranap Geomembrane Construction



KEY FEATURES

- + Double protection from polyester film surfacing and a thick polyester fabric reinforcement = **high puncture resistance**.
- + Excellent resistance to ageing due to the elastomeric bitumen compound enabling the material to retain its elasticity for extensive periods.
- + Resistant to root penetration: Test FMPA Germany.
- + Resistant to numerous chemical agents depending on the concentration.
- + ANSI/NSF potable approved—can be used for potable water storage.
- + Available in 2 or 4 meter wide rolls ranging from 20 to 100 meters in length.

SIMPLE INSTALLATION

- Can be laid on earthen or concrete substrate.
- Requires only common construction equipment to unroll and place.
- Easy to anchor and join to concrete structures.
- Simple torch seam welding;
 - Overlaps can be immediately sealed by propane torch, no special equipment or chemicals needed.
- Less sensitive to weather conditions, dirt or dust during application.
- Can be easily patched and repaired if damaged.





FOR MORE INFORMATION

[GEOFABRICS.CO/PRODUCTS/TERANAP](https://www.geofabrics.co/products/teranap)

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