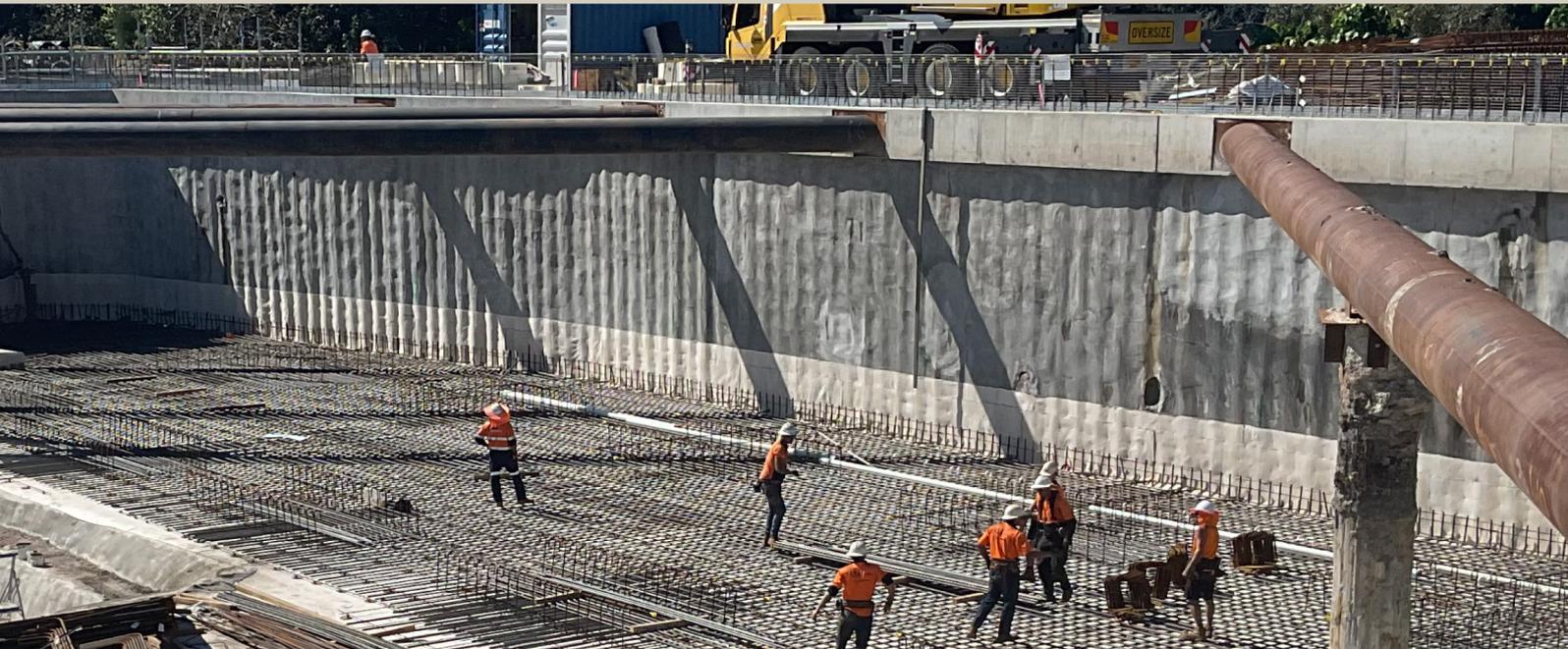


# WPA BM70 BENTONITE MEMBRANE

Proven Performance. Fast, Cost-Effective Installation.



## Performance-Driven Benefits



Manufactured in Queensland using Australian-sourced bentonite



Cost-effective alternative to traditional waterproofing methods



Self-sealing and self-healing – bentonite swells to close around penetrations



Simplified installation – faster than traditional clay lining methods



Laboratory-verified performance – tested through the GRID research facility



Resistant to Acid Sulphates and hydrostatic pressure.

## Trusted for Over 25 Years

WPA BM70 is a high-performance geosynthetic clay liner manufactured in Australia by Geofabrics. With more than 35 million m<sup>2</sup> installed across civil, infrastructure and commercial sites, it delivers reliable waterproofing for demanding below-ground applications.

## Advanced Bentonite Membrane Composition

WPA BM70 is constructed with high-quality Australian sodium bentonite, reinforced between needle-punched polypropylene geotextiles and thermally locked for superior stability and performance.

## Versatile Application Scope

Suitable for a wide range of vertical and horizontal below-ground structures, including:

- Under Slab Membranes
- Structural slabs and basements
- Tunnels and infrastructure projects
- Contiguous and secant pile walls
- Precast and shotcrete surfaces



## Technical Performance Overview

WPA BM70 is built to exceed below-ground waterproofing requirements, providing a long-lasting barrier to water and contaminant ingress.

Property	Test Method	Typical Value
Bentonite Mass	ASTM D5993	≥ 4000 g/m <sup>2</sup>
Swell Index	ASTM D5890	≥ 24 ml/2g
Permeability	ASTM D5887	2 x 10 <sup>-9</sup> cm/s
Hydrostatic Pressure Resistance	ASTM D5385 (mod.)	>126.7 m
Puncture Resistance	ASTM D4833	630 N
Dry Thickness	AS3706.1	6 mm

## Installation Made Straightforward

- BM70 adheres to a variety of substrates including concrete, shotcrete, steel piles, and precast
- Simple overlap and fix method – no torching or welding
- Can be installed in horizontal or vertical configurations
- Accessories available: WPA BG bentonite granules, WPA BP Bentonite Paste, WPA GW Gunnable Waterstop, WPA 2010 and WPA 2005 Waterstop, WPA RG Rear Guard.
- Requires appropriate backfill and protection to ensure full confinement

The WPA BM70 system is fully supported with a complete range of engineered accessories, all designed for compatibility and performance to ensure seamless detailing around penetrations, joints, and complex transitions.

## Built on Proven Supply and Support

WPA BM70 is supported by Bayset's technical team and manufactured by Geofabrics, Australia's leading geosynthetic supplier. With decades of supply to major infrastructure and commercial projects, WPA BM70 offers peace of mind where it matters most.

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 Mackay (07) 4847 7020  
 Townsville (07) 4766 3401  
 Arundel (07) 5617 5200

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 Burleigh Heads (07) 5586 7200

### NEW SOUTH WALES

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