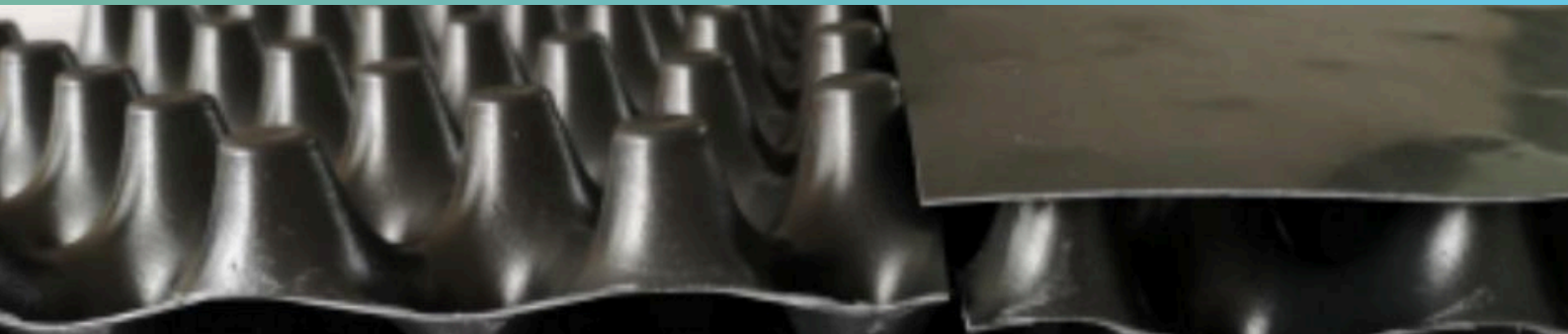


Building Australia’s future



InfraVoid® – Void Forma

InfraVoid® – Void Forma is a tunnel protection system designed for Australian conditions, combining controlled compressibility with waterproofing to help protect tunnel linings from external pressure and water ingress. Installed at the crown of the tunnel, it acts as a resilient void former behind the lining while also providing waterproofing performance. Manufactured from a cuspated HDPE sheet with a welded HDPE geomembrane layer, InfraVoid® offers a practical alternative to traditional void-forming methods.

- APPLICATIONS
- ✔ Tunnel Linings
 - ✔ Ground Pressure Relief
 - ✔ Waterproofing
 - ✔ Void Formation

Technical Specifications			
Specification	Test Method	Unit	
Thickness @4mm Deflection	ASTM D1777	mm	40
Flow Rate	ASTM D4716, i=1.0	L/min/m	150
Compressive Strength	ASTM D1621	kPa	>50*
Material Properties			
Core Material	High-Density Polyethylene (HDPE)		
Core Profile	Double-Dimpled (Raised Cups Both Sides)		
Panel Dimensions (Nominal)	m	1.03 × 2.90 (includes lap joints)	
Effective Drainage Area	m	1.00× 2.87 (excluding laps)	
Liner Thickness	mm	0.5 (HDPE, factory-welded)	
Panel Weight	kg/panel	6	

- Notes:
- Higher Compressive Strength options available upon request.*
 - InfraVoid® is typically installed at the crown of the tunnel behind the lining.
 - Store in a dry area away from direct sunlight and temperatures exceeding 60°C.