

# AUSTRALIAN-MADE TUNNELLING GEOTEXTILES

## TEXCEL® P50 NON-WOVEN STABLE FIBRE GEOTEXTILE

### TECHNICAL DATA SHEET

Texcel P50 is a non-woven thermo-fixed staple fibre geotextile developed for high performance applications. Made using polypropylene with unique staple fibre properties, they have inbuilt flexibility to allow engineers to specify mechanical and hydraulic criteria to suit tough environmental conditions.

- Reduces strain on interfacing impermeable liners, protecting them in the short and long term
- Chemically resistant in high and low pH environments
- Made in Australia, developed and tested in accordance with Australian standards

### TEXCEL P50 - TYPICAL VALUES TECHNICAL DATA

TEST PROPERTY	MINIMUM SPECIFIED REQUIREMENT	TEST STANDARD
Mass	>500g/m <sup>2</sup>	BS EN ISO 9864
Thickness (X) under Load	100kPa, X < 3.0 mm 200kPa, (X - 0.3) mm 500kPa, (X - 0.7) mm	BS EN ISO 9863-1
Puncture resistance	>1.5kN	BS EN ISO 12236
Dynamic Perforati on Resistance	<20mm	BS EN ISO 13433
Tensile Strength at 5% Elongation	>1.5kN/m	BS EN ISO 10319
Elongati on (at failure)	>10%	BS EN ISO 10319
Reacti on to Fire	Class E	BS EN 13501-1

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