

GEOSYNTHETIC TESTING SERVICES

Geosynthetic Testing Services is an independent, NATA accredited geosynthetic testing laboratory in Albury, NSW.

Geosynthetic Testing Services provides independent geosynthetic testing for over 40 different standards, including the standards suitable for Construction Quality Assurance requirements for Australian and New Zealand road authority specifications, for example the NSW RMS R63, QLD MRTS27 and TNZ F/7.

Geosynthetic Testing Services is NATA accredited to ISO/IEC 17025 for technical and filtration testing to Australian and selected American (ASTM), ISO and British standards. We provide a professional and confidential service to clients.

What our NATA accreditation to ISO/IEC 17025 means:

1. Our technical expertise is maintained through regular surveillance audits by independent external auditors.
2. NATA certification provides formal recognition of testing services.
3. Customers can select reliable testing services to meet their project testing requirements.
4. Confidentiality is assured, with test reports issued solely to the customer.



Please contact us for any information on the following;

- Test method costs and time frames
- Sampling requirements
- Terms and conditions

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Geosynthetic Testing Services

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GEOSYNTHETIC TESTING SERVICES

NATA SCOPE OF ACCREDITATION

Accreditation No. 3722

Geotextile Tensile Testing

- Grab Tests - ASTM D4632, AS 2001.2.3 (Method B), AS 2001.2.3.2 and AS 3706.2 (b)
- Narrow Strip Tests - AS 2001.2.3.1, BS EN ISO 13934-1 and ISO 9073-3
- Wide Strip Tests - AS 3706.2 and ASTM D4595
- Trapezoidal Tear Tests - AS 3706.3 and ASTM D4533
- Tongue Tear - BS 3424: Part 5: Method 7B
- Seam Strength - AS 3706.6 and ASTM D4884

Geomembrane Seam Testing

- Peel and Shear Tests - ASTM D4437 (1999) Section 6
- Integrity of Non Reinforced Geomembrane Seams - ASTM D6392

Geotextile Compression Testing

- CBR Plunger Method - AS 3706.4, ASTM D6241 and ISO 12236
- Index Puncture Resistance - ASTM D4833, AS 3706.5 and ISO 13433

Panel Drains & Strip Filters Testing

- Strip Filter Assorted Testing to RMS T1507, T1508, T1509 and T1510
- Vertical Compression of Panels - ASTM D6244

Geotextile Pore Size Apparatus

- Determination of Characteristic Opening Size - BS EN ISO 12956
- EOS Pore Size - AS 3706.7
- AOS Pore Size - ASTM D4751
- Hydrodynamic Sieving - NFG 38017

Geotextile Flow Apparatus

- Permittivity - AS 3706.9 and ASTM D4491 (Constant Head Method) and ISO 11058 (Constant Head Method)

Gradient Ratio Apparatus

- Clogging Potential of Geotextile by Gradient Ratio - ASTM D5101

Geosynthetic Clay Liner (GCL) Testing

- Swell Index - ASTM D5890
- Mass Per Unit Area - ASTM D5993
- Peel Strength - ASTM D6496

Other Various Test Methods

- Thickness to 2kPa - AS 3706.1, ASTM D5199 and ISO 9863-1
- Mass Per Unit Area - AS 3706.1, ASTM D5261, ISO 9864 and ISO 9073.1
- Asphalt Retention of Paving Fabrics - ASTM D6140
- Geometric Mean Strength Rating - Austroads 1990 Guide to Geotextiles



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