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Reaching Over 25,000 Manufacturers, Installers, Specifiers, Facility Owners, Consultants, Educators and Academics Worldwide

Innovative Floating PV Cover Project on AngloAmerican's Tailings Pond

<https://www.powermag.com/press-releases/chiles-innovative-floating-pv-project-on-angloamericans-tailings-pond/>

BREAKING NEWS: Independent Auditors Raise the Warning Level of Three Vale Tailings Dams

<https://www.mining-technology.com/mining-safety/independent-auditors-raise-the-warning-level-of-three-vale-dams>

Brazil Mining Giant Vale Warns Another Tailings Dam Could Collapse

<https://www.insurancejournal.com/news/international/2019/03/25/521558.htm>

ICOPAL Patents Method for Determining Tightness of Bituminous Geomembrane (BGM) Welds Using Tracer Gas

<http://www.freepatentsonline.com/EP3450641A1.pdf>

Carpi Patent New Method of Anchoring Geomembrane Liners to Concrete

<http://www.freepatentsonline.com/20190085522.pdf>

Cortex (USA) Patents New Cementitious Composite Mat

<http://www.freepatentsonline.com/20190071837.pdf>

Solmax Patent New Perforated Liner

<http://www.freepatentsonline.com/WO2019051592A1.pdf>

Geocomposite Groundwater Drainage System for Bluff Erosion Protection

<https://geosyntheticsmagazine.com/2019/02/01/geocomposite-groundwater-drainage-system-for-bluff-erosion-protection/>

Huesker Release Video on Their New Oil Absorption Active Geocomposite

<https://www.youtube.com/watch?v=isziMqnnFVI>

New Patent Application for Capping of Soft Tailings Deposits

<https://patents.google.com/patent/US20190070647A1/en>

Lawsuit Against TenCate Settled

<http://www.pikecountygeorgia.com/archives/7616-Lawsuit-against-TenCate-settled.html>

Red Earth Develop Advanced Modelling for Liquefaction Assessment of Tailings Storage Facility (TSF)

<https://www.linkedin.com/pulse/ree-develops-advanced-geotechnical-numerical-itascas-flac-wentzinger>

Warning Over Geomembrane Carbon Blacks

Carbon blacks are classified by the primary size as classified in ASTM D1765. For instance, the primary size of N330, N336, N550, and N660 grades is around 30, 36, 50, 60 nm, respectively. Beware of GMBs with N660 carbon black as 60 nm is too coarse for optimum UV screening. We are aware of N660 carbon black being used in Geomembrane made in Asia. Note also as carbon black particle size decreases, specific surface area increases and the smaller carbon blacks require more antioxidants/stabilizer be added to the resin to compensate for that proportion of stabilising additives adsorbed on the high surface area carbon black particles.

<http://www.excelplas.com/>

Japanese Patent Graphene Incorporating Geotextile

How to measure the abnormalities of a textile using the conductive geotextile and the quality of conductivity incorporating graphene - JP2019506542A

<http://www.freepatentsonline.com/JP2019506542A.html>

New Gas Filtering Geomembrane Patented

<http://www.freepatentsonline.com/WO2019033209A1.pdf>

Improving the Permeability and Adsorption of Phenol by Organophilic Clay in Clay Liners

<http://www.eeer.org/journal/view.php?number=1024>

ExcelPlas UV Testing Laboratories for Geosynthetics

<https://www.uvtesting.com.au/>

JK Williams Rely on Jaybro's mastaGRID™ Geocomposite for Caddens Hill Project, March 2019

<https://www.jaybro.com.au/about/jk-williams-mastagrid-composite-penrith/>

A Review on the Advanced Leachate Treatment Technologies for Geomembrane-Lined Landfills

<https://link.springer.com/article/10.1007/s10661-019-7380-9>

Odor Scavenging Masterbatch for Geomembranes to Allow Use of Recycled Resins and Absorb Off-Odours

<https://www.ampacet.com/ampacet-odor-scavenger-1000258-e-powerful-wide-spectrum-odor-absorbing-masterbatch/>

ACCREDITED GEOSYNTHETICS TESTING LABORATORY FOR AUSTRALIA (EXCELPLAS)

EXCELPLAS takes just 1-2 business days from sample receipt to handing over your final Weld/Seam report.

Highly qualified and experienced team of PhD chemists, material scientists and failure analysis consultants.

EXCELPLAS has sampled and analysed thousands of geomembrane samples for asset owners, installers and consulting engineers.

EXCELPLAS is a highly preferred Geomembrane & Geosynthetics testing provider for the Victorian State Governments, NSW Government, QLD Government and the West Australian Government.

Because EXCELPLAS understands polymer science, undertakes the detailed chemical analysis and writes the report you can be sure that the results are correct, accurate and reliable.

EXCELPLAS were awarded commercial provider status approval by the Insurance Council of Australia in 2019.

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- Since GNA is published up to 12 times per month, no other source of Geosynthetic Industry News comes close to being as current and up-to-date
- In 2017 we have increased readership by 10,000+ through India, Africa and Asia
- Special Advertising Packages Available for Geosynthetic Manufacturers, Installers, and Service Providers.

ExcelPlas Geosynthetics Testing Expands Geosynthetic Testing Offerings

ExcelPlas now performs more than 120 standard geosynthetic tests in accordance with relevant ASTM, GRI and ISO standards.

We have extensive experience with all types of geosynthetics - from geomembranes (HDPE, LLDPE, fPP), geotextiles to geonets, geogrids, geocomposites and and geosynthetic clay liners (GCLs).

As a Nationally Accredited Testing Laboratory, our technicians, equipment and quality system are monitored regularly for proficiency and compliance assuring that you can count on quality results every time.

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Among GNA's objectives are:

- To promote and educate on the development of specifications and practices that help ensure the proper use of geosynthetics.
- To locate, interpret and disseminate new scientific research to manufacturers and users of geosynthetic materials.
- To enhance the knowledge and awareness of contemporary geosynthetic technologies amongst specifiers, users and installers.

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