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NEWSMAKERS: * AGRU * Aquenox * BGM * Bituminous Geomembranes * Brine Containment * CETCO * Coal Seam Gas * Concrete Canvas * CSG * Dredging Services * Ethylene Vinyl Alcohol * EVOH * Eurobent * ExcelPlas * Fabtech * FGI * Fluoro-Sorb® * GBC * GCCM * GCL* GNA * Geofabrics * Geotextile Backfill Containers * Geosynthetics * Geosynthetic Research Institute * GRI * Imertech * Microplastics * Multispectral Analysis * NAUE * PFAS * Ramboll * SHM-SCR * Strain Hardening Modulus * Tiltex® * Viaflex * WSP

BREAKING NEWS

Concrete Canvas New Press Release: 'Eurobent (Tiltex) Overstated Compressive Strength by More than 300%' [PDF]
https://cloud.excelplas.com/s/h2D8Q2yAqORXTRY

Melbourne Company signs Global Distribution Agreement for Geotextile Dewatering Technology for Mine Tailings and Mine Remediation
Dredging Solutions will partner with Aquenox to introduce the Tailings Dredging and Dewatering technology into the global underground backfill market using Geotextile Backfill Containers (GBC)
GBCs ensure backfill placement is done safely and properly to support the mine shaft roof to enable/accelerate mine rehabilitation and mine closure projects.
https://cloud.excelplas.com/s/WWfNip3OhgpduSv

INDUSTRY NEWS

GRI Publishes GM33 Room Temperature Strain Hardening Modulus (SHM) for SCR of HDPE Geomembranes [PDF]
https://cloud.excelplas.com/s/zEMg1OW3fsfglbr

Geotextiles as a Source of Microplastics [PDF]
https://bmbf-plastik.de/sites/default/files/2023-03/Gustavsson_Geotextiles.pdf

What are Geomembranes? (Special Feature from AGRU)
https://agruamerica.com/what-are-geomembranes/

Understanding the Gas Barrier Properties of Ethyl-Vinyl Alcohol Geomembranes by Joe Ryan (Sale Director, Viaflex)
https://cloud.excelplas.com/s/RxycRIX3E5LeJfC

PFAS remediation with Fluoro-Sorb®? Adsorbent by Matt Geary (Technical Sales Manager, CETCO)
https://www.enviroworkshops.com/detroit-pfas-remediation-workshop

Understanding the Gas Barrier Properties of Ethyl-Vinyl Alcohol Geomembranes by Addie Reiman (Viaflex)
https://www.enviroworkshops.com/detroit-pfas-remediation-workshop

FGI Webinar: Geomembrane Damage During Oil and Gas Operations (March 30, 2023)
https://attendee.gotowebinar.com/register/4428397323625296 23

IMERTECH Patents New Polymer-Modified GCL
https://www.freepatentsonline.com/EP3555017B1.pdf

Queensland Government Publishes Coal Seam Gas (CSG) Brine Management Action Plan with Salt Encapsulation using a Multi-Layered Liner System [PDF]
https://environment.des.qld.gov.au/__data/assets/pdf_file/0025/306466/csg-brine-management-action-plan-2023-33.pdf

HDPE Lining Use to Repair Damaged Concrete Infrastructure at Perth Waste-Water Treatment Plant
https://www.trenchless-australasia.com/2023/03/04/mcrobert-restores-pst-channels-at-woodman-point/

WSP – Integrity Control of Geomembranes [PDF]
http://cdn.wspgroup.com/jnbbkx/wsp-canada-geomembrane-en.pdf

Applying Artificial Geotextile Cover to Reduce Melting of Tibetan Glacier [PDF]
https://www.mdpi.com/2072-4292/15/7/1755/pdf?version=1679654427

Geotextile Applications in Agriculture and Aquaculture (Special Feature)
https://geosyntheticsmagazine.com/2023/03/21/geotextiles-in-agriculture-and-aquaculture/

New Developments in Concrete Technology Paves the Way for Smart GCCMs
https://www.azobuild.com/news.aspx?newsID=23345

Fabtech Completes Cover & Liner Replacement at Warragul Water Treatment Plant
https://www.linkedin.com/posts/fabtech-sa-pty-ltd_environment-construction-geosynthetics-activity-7039093767194218496-BGOs?utm_source=share&utm_medium=member_desktop

Speakers Announced for International Conference on Geosynthetics and Environmental Engineering (South Korea, March 30-31, 2023)
https://www.icgee.com/speaker.html

NEW RESEARCH

Multispectral Image Analysis to Detect Incipient Degradation of BGMs
https://cloud.excelplas.com/s/BKg7UWRj4PMy7EA

Experimental Investigation on the Effect of Fines Content on the Drainage Performance of Wicking and Non-wicking Geotextiles
https://www.researchgate.net/profile/Javad-Galinmoghadam/publication/369142894_Experimental_Investigation_on_the_Effect_of_Fines_Content_on_the_Drainage_Performance_of_Wicking_and_Non-wicking_Geotextiles/links/640b853a315dfb4cce6ef70f/Experimental-Investigation-on-the-Effect-of-Fines-Content-on-the-Drainage-Performance-of-Wicking-and-Non-wicking-Geotextiles.pdf

Partial Safety Factors for Hydraulic Conductivity Requirements of Granular and Geotextile Filters
https://www.researchgate.net/publication/369486628_Partial_Safety_Factors_for_Hydraulic_Conductivity_Requirements_of_Granular_and_Geotextile_Filters

Image-aided Physical and Compression Characterisation of Expanded Polystyrene Geofoam
https://www.icevirtuallibrary.com/doi/abs/10.1680/jgein.22.00363

Seismic Bearing Capacity of Eccentrically and Obliquely Loaded Strip Footings on Geosynthetic-Reinforced Soil
https://ascelibrary.org/doi/abs/10.1061/IJGNAI.GMENG-8316?af=R

Effects of Geogrid Reinforcement on the Backfill of Integral Bridge Abutments
https://www.mdpi.com/2075-5309/13/4/853/pdf?version=1679653076

The Effect of Multiaxial Geocomposite Reinforcement on Fatigue Performance and Crack Propagation Delay in Double-Layered Asphalt Beams
https://www.tandfonline.com/doi/full/10.1080/14680629.2023.2180998

NEW JOBS

NAUE Seeking Marketing Officer for Asia
https://www.jobleads.com/en-my/job/e6b7ab9b33cb1d14e82beb9ccb6801a93

WSP Seeking Geomembrane QA Technician
https://ca.linkedin.com/jobs/view/geo-materials-quality-assurance-technician-at-wsp-in-canada-3539246068

GEOSYNTHETIC DIGITAL MARKETING

Essential Look into Global Geosynthetic Developments with the Weekly GNA Newsletter
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https://www.geosyntheticnews.com.au/

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Not only can we help you get in front of our highly engaged audience, but we also have a number of channels you can use to target your message – as well as the subject matter experts to put it all together.
https://www.youtube.com/watch?v=QCkE3q3sHPg

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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 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.

GNA – World's Leading Source of Breaking News on Geomembranes, Geotextiles, and other Geosynthetics

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