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GNA – The Most Widely Read Online Geosynthetics Publication
Time Sensitive Messaging for the Global Geosynthetics Industry

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INDUSTRY NEWS

Geomembrane Execs See 'light at end of tunnel' for Geosynthetics Markets
https://cloud.excelplas.com/s/BFhQ9ztPPdQVVBo

Raven Geomembranes Rebrands as Viaflex
https://www.viaflex.com/products/

Genuit Group plc Acquires Keytec Geomembranes Limited
https://www.marketscreener.com/quote/stock/GENUIT-GROUP-PLC-16256795/news/Genuit-Group-plc-acquired-Keytec-Geomembranes-Limited-for-3-5-million-41361987/

Today Megaplast a Leader in the Geomembrane Industry
https://www.constructiontechnology.in/technology/details/1377/Megaplast-a-Leader-in-the-Geomembrane-Industry

GEOAfrica Announces Technical Themes
https://geoafrica2023.org/technical-themes/

Secure Your Spot for Geosynthetics Conference 2023
https://geosyntheticsconference.com/registration/

Titan Environmental Constructing New Facility for Expanding Geosynthetic Offerings
https://geosyntheticsmagazine.com/2022/08/19/titan-environmental-constructing-new-facility/

Geosynthetics for Erosion-Stable Road Embankments – Design and Selection of System Solutions (by NAUE)
https://www.naue.com/erosion-stable-road-embankments-design-and-selection-of-system-solutions/

Geosynthetics in Green Roofs
https://geosyntheticsmagazine.com/2022/08/01/geosynthetics-in-green-roofs/

Demtech Introduce Low Cost, Lightweight Wedge Welder That Does It All from Thin PVC to Geotextiles to Thick HDPE Geomembranes
https://www.demtech.com/product/pro-wedge-model-vm-20/

WSP Firm Offer Announcement (Declassified)
WSP Global, through a wholly-owned subsidiary, acquired Enterra Holdings Ltd., the holding company of Golder Associates ("Golder Associates"), a global engineering and consulting firm with 60 years of experience in the geosciences sector focused on earth and environmental conditions, for an aggregate cash consideration of approximately US$1.14 billion
https://cloud.excelplas.com/s/DDHndJqmheAkHN7

Sensor UK Financial Records Released
https://cloud.excelplas.com/s/dbuORig1OQJDiaF

Action Group Sues US EPA Over Landfill Emissions
https://www.epa.gov/system/files/documents/2022-08/EIP%20v.%20Regan%20-%20LEF%20Complaint%20July%2029%202022.pdf

NEW DEVELOPMENTS

AGRU Receives Patent for Geomembrane Liner with Protective Release Film
CleanSeam® is a protective strip on high-density polyethylene (HDPE) liners that installers can peel away to dramatically reduce the time required to prepare the liner's welding zones.
https://www.freepatentsonline.com/20220259813.pdf

Sensor UK Patents New Geomembrane with In-Built Leak Detection Capability
A conductive grid is directly printed onto the geomembrane.
https://www.freepatentsonline.com/EP3374570B1.pdf

LANDFILL LINERS

New Model to Evaluate Performances of a Single Compacted Clay Liner (CCL) and a Damaged Geomembrane-Compacted Clay Composite Liner (GMB/CCL) to Contain a Generic Landfill Contaminant
https://link.springer.com/article/10.1007/s11356-022-22600-0

GEOMEMBRANES

Analysis of Smooth Geomembrane–Sand Interface
https://link.springer.com/chapter/10.1007/978-981-19-0047-1_9

GEOTEXTILES

Study of Geotextile Filter Usage in Embankment Dams
https://www.researchgate.net/publication/362703215_A_study_of_geotextile_filter_usage_in_the_embankment_dams

The Influence of Geotextile on the Characteristics of Railway Subgrade Mud Pumping Under Cyclic Loading
https://www.sciencedirect.com/science/article/abs/pii/S2214391222001155

GCLs

3-D Fully Coupled Hydro-Mechanical-Chemical Model for Solute Transport Through GCLs Under Mechanical and Osmotic Loading Conditions
https://pubmed.ncbi.nlm.nih.gov/35986848/

Mechanical Strength, Water Seepage and Microstructure of a Novel Landfill Solidified Sludge Liner Material
the temperature inside a landfill can be as high as 70 °C, with the corresponding temperature at the liner and sealing barrier as high as 50 °C [https://www.mdpi.com/2227-9717/10/8/1641/htm#B8-processes-10-01641]. Such high temperatures lead to critical levels of water loss and drying of CCL or GCL materials. High loads and dry–wet cycles ultimately trigger deformation and cracking of CCL as well as tearing of HDPE geomembranes and GCL; such damage to the liner results in the escape of leachate from the barrier system.
https://www.mdpi.com/2227-9717/10/8/1641/pdf?version=1660818814

GEOGRIDS

Study on Interface Interaction between Uniaxial Geogrid Reinforcement and Soil Based on Tensile and Pull-Out Tests
https://www.mdpi.com/2071-1050/14/16/10386/pdf?version=1661003704

Identification of Parameters and Fatigue Life Assessment of the Road Pavement Lower

Construction Layers under Heavy Construction Traffic
https://www.mdpi.com/1996-1944/15/16/5646/pdf?version=1660729900

Role of Particle Breakage on Damping, Resiliency and Service Life of Geogrid-reinforced Ballasted Tracks
https://www.sciencedirect.com/science/article/abs/pii/S221439122200112X

MICROPLASTICS AND THE ENVIRONMENT

Fibertex Strives for Sustainability in Geotextiles
https://www.fibertex.com/business-areas/civil-engineering/sustainability

Ten Potential Sources of Microplastics from Geosynthetics and Suggested Mitigation Strategies
https://cloud.excelplas.com/s/gOa5nKNumjcvXiU#pdfviewer

FGI Webinar - Differentiating Microplastics and Geosynthetics (31 August 2022)
https://register.gotowebinar.com/register/3698202286051248139

GEOSYNTHETIC DIGITAL MARKETING

How to Get Noticed by More Than 48,000 People in the Geosynthetic Space Across the Globe
GNA reaches over 48,000 people each month and this high level of audience engagement comes from years of creating content that matters to the geosynthetic industry.
We provide the industry's most reliable and current information and have the trust and attention of the leaders and decision-makers.
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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Providing the latest in news, views, and insights, it is a valuable and essential resource for the geosynthetic engineering and related construction industries
We deliver market news & information relevant to your business
Geosynthetic Intelligence is an evolving platform to address industry news, market challenges and trends
https://www.youtube.com/watch?v=QCkE3q3sHPg

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https://www.excelplas.com/contact-us/

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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 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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http://www.geosyntheticnews.com.au

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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