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

NEWSMAKERS: * BGM * Cleanaway * ExcelPlas * Geosynthetic Reinforced Slope (GRS) * GNA * HaTelit™ * Huesker * Kerry Rowe * Land Science * Microplastics * MonoShield™ * New Zealand * PFAS * REGENESIS * Seaman Corporation * Sensorgrid® * SIKA * Stapylton Landfill * Tensar * TerraShield™ * TriAx™ * Webinars * XR Geomembranes * Solmax * Nicolon * Tencate

INDUSTRY NEWS

New Vapor Barrier Liner Used to Mitigate Contaminants on Brownfield Sites Awarded U.S. Patent

The new technology "utilizes metalized film, a material proven to be highly effective at preventing the diffusion of contaminant gases," a company press release says. "The advanced composite membrane prevents corrosion of the encapsulated metalized film and provides multiple layers of protection — including a reinforced grid geomembrane and geotextile that ensure greater tensile strength and enhanced durability while minimizing the potential for punctures during installation of the contaminant vapor barrier system. These composite membranes are scientifically proven to provide superior chemical resistance, constructability and durability compared to older asphalt latex membranes (ALMs) adapted from the waterproofing industry."
https://www.businesswire.com/news/home/20221221005099/en/

New Report on 3D Analysis of Defects in Bituminous Geomembranes (BGM)
https://cloud.excelplas.com/s/nVVBZRMq1lGQOWK

Huesker's High-strength Asphalt Geosynthetic Reinforcement HaTelit™, Resulting in Savings of about $1.2 million While Delivering Environmental Benefits

https://www.salisbury.sa.gov.au/council/news-media-and-publications/latest-news/councils-innovation-and-leadership-recognised-with-award-wins-across-diverse-fields

Massive Lava-like fire at Australian Landfill between Brisbane and Gold Coast
https://www.dailymail.co.uk/news/article-11572391/Massive-lava-like-fire-Staplyton-landfill-ruins-Christmas-lunch-
Brisbane-Gold-Coast.html

Cleanaway Applies to EPA for Special Permission to Allow PFAS to be Landfilled
The EPA refused a previous application at McLaren Vale in 2021 due to the location; the fractured rock aquifer beneath the site meant that any failure of the landfill liner would have been difficult to contain
https://www.insidewaste.com.au/cleanaway-applies-to-allow-pfas-to-be-landfilled/

New Zealand Showcases Impressive Geosynthetic Reinforced Slope (GRS) Wall in Zone 2 of the New Te Ahu a Turanga Highway
https://www.stuff.co.nz/manawatu-standard/news/130877401/manawattararua-highway-earthworks-may-be-finished-this-summer

Podcast on Tensar TriAx™ Geogrid / Unilock DriveGrid
https://m.youtube.com/watch?v=3wVAmxXTuuk

How to Use Polymer Structure Data to Evaluate Geomembrane Selection?
https://www.xrgeomembranes.com/blog/polymer-structure-to-evaluate-geomembrane-selection

Essential Look into Global Geosynthetic Developments with the Weekly GNA Newsletter
GNA connects engineers, regulators, facility owners, and other stakeholders around the world to its readers and advertising participants.
GNA's global audience of tens of thousands of subscribers includes civil engineers, regulators, contractors, geosynthetic installers, CQA professionals, and facility owners involved with geotechnical applications.
GNA is a digital news communications and technology platform focused on digital publishing and delivering breaking geosynthetics news relevant to environmental engineering for the geotechnical and geo-environmental community.

Be in the know with an essential look into global geosynthetic developments with our weekly GNA newsletter.
https://www.geosyntheticnews.com.au/

UPCOMING WEBINARS FOR JAN 2023

Webinar on 'Fibre Optic Sensing in Geosynthetics: a Distributed Monitoring Technology for Earthworks?' (10 January, 2023)
Huesker have developed a manufacturing process to incorporate fibre optic cables into geogrid, forming a Sensorgrid®
https://www.ice.org.uk/events/latest-events/distributed-monitoring-technology-for-earthworks/

Webinar on 'Positive Pressure Anaerobic Biogas Cover Systems' (12 January, 2023)
https://register.gotowebinar.com/register/4197452036921148943

Online Course and Certification Exam on 'Manufacturing, Fabrication, and Installation QA/QC for Geosynthetics' (25th January, 2023)
https://register.gotowebinar.com/register/3457212425750138124

NEW GEOSYNTHETIC PATENTS

SIKA Develops Sealing System for Bonding HDPE Geomembranes to Concrete
https://www.freepatentsonline.com/EP4105267A1.pdf

Nicolon/Tencate Produce Geosynthetic Fabric with Differential Wicking Capability
https://www.freepatentsonline.com/20220411974.pdf

Solmax Patent New Type of Perforated Geomembrane
https://www.freepatentsonline.com/11535016.pdf

Concrete-Filled Geobags for Shoreline Erosion Protection
https://www.freepatentsonline.com/11530518.pdf

GEOMEMBRANE LINERS

Performance of Landfill Low-Permeability Liners for Minimizing Groundwater Contamination
https://www.icevirtuallibrary.com/doi/abs/10.1680/jgein.22.00340

Effect of Subgrade on Leakage Through a Defective Geomembrane Seam Below Saturated Tailings
https://www.sciencedirect.com/science/article/abs/pii/S0266114422001352

Experiment on Monitoring Leakage of Landfill Leachate by Parallel Potentiometric Monitoring Method
https://cloud.excelplas.com/s/okgxW6qc1UUGBCc

UPGRADING HDPE GEOMEMBRANES

Morphology, Rheological, Thermal, and Mechanical Properties of HDPE toughened by Propylene-Ethylene Random Copolymers
https://link.springer.com/article/10.1007/s00396-022-05049-y

GEOTEXTILES

Full-Scale Field Impact Load Experiments on Buried Pipes in Geosynthetic-Reinforced Soils
It was observed geotextile 800 gm/m2 was the best
https://www.sciencedirect.com/science/article/abs/pii/S2214391222002112

GEOTEXTILE TUBES

Vietnam Geotextile Tubes Project - The Risk of Missing the Progress of the Port Project is Over 2,248 billion VND
The total volume of Geotextile Tubes constructed so far is about 3,231m, reaching 51.6% Regarding the construction progress in the field, after 14 months from the time of commencement, the project has constructed nearly 34% of the dike items so far.
https://vietnam.postsen.com/local/206712/The-risk-of-missing-the-progress-of-the-port-project-is-over-2248-billion-VND.html

St. Johns Eyes New Beach Erosion Work after Finishing 'Emergency Berm' with Geotextile Tubes
https://www.jacksonville.com/story/news/local/2022/12/23/st-johns-eyes-new-beach-erosion-work-after-finishing-emergency-berm/10816509002/

Numerical Study on Hydrodynamic and Liquefaction Analysis of Coastline Protected with Geotextile Tubes
https://www.springerprofessional.de/a-numerical-study-on-hydrodynamic-and-liquefaction-analysis-of-c/23878250

GEOSYNTHETHICS AND THE ENVIRONMENT

Microplastics: A Review of Policies and Responses
https://www.mdpi.com/2673-8929/2/1/1/htm

GEOGRIDS

Numerical Studies on the Performance of Geosynthetic Reinforced Soil Walls Filled with Marginal Soil
https://link.springer.com/article/10.1007/s40098-022-00706-z

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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Understand what is happening in the geosynthetics industry, with analysis of emerging trends & products, with market data and key contacts,
Receive updated information on geosynthetic trends and topics
Get thousands of key contacts in managerial and operational roles by the click of a button!
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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• Articles published on GNA get thousands of views and are distributed widely through 3rd Party Affiliates
• GNA is now the most read source of Breaking News on Geosynthetics Worldwide
• 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.

Geosynthetic News Alerts - Your Global Source of Geosynthetic News and Technology. Current and Updated!
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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http://www.excelplas.com/

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