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

NEWSMAKERS: * Bandera * Cofra * Comanco * Concrete Cloth Mat® * Crystal Lagoons
* Earthlok * ExcelPlas * FormDirect * GCCM * Geoduct™ * Huesker * Luigi Bandera * PROPEX
* Purdue University * Solmax * Tektoseal® * TENEO * Tensar

INDUSTRY NEWS

HUESKER Launches Another Highly Effective Active Barrier Solution - Tektoseal Active HM Works as a Powerful Treatment Agent for Metals and Radionuclides

<https://www.huesker.com.au/geosynthetics/products/composites/tektoseal-active-product-family/tektoseal-active-heavy-metals/>

Huesker Introduces GeoDuct™: A Circular Viaduct Developed in Interaction with Nature

Infrastructure projects have large ecological footprints with an environmental impact due to the extraction, processing and transport of resources and materials. However, large parts of the existing Dutch infrastructure are due to be replaced or renovated in the near future. The demand for innovative solutions is becoming increasingly urgent, especially with the national ambition from the Ministry of Infrastructure and Water Management to be energy neutral by 2030. Architectural studio ZJA, in collaboration with Iv-Infra, Dura Vermeer, Geotec Solutions, HUESKER Nederland and Ploegam BV have jointly developed a groundbreaking solution: the circular viaduct called GeoDuct™.

<https://www.zja.nl/en/geoduct>

Huesker and Cofra Form Strategic Alliance

<https://www.cofra.com/news/detail/workshop-gec-together-with-huesker.html>

Solmax Sets Price Talk on \$100M Add-on Term Loan for Mergers and Acquisitions; Commits due Nov. 23 (tomorrow)

<https://www.spglobal.com/marketintelligence/en/news-insights/latest-news-headlines/solmax-sets-price-talk-on-100m-add-on-term-loan-for-m-a-commits-due-nov-23-67698122>

Solmax Preps Launch of \$100M Add-on Term Loan for Propex Acquisition

<https://www.spglobal.com/marketintelligence/en/news-insights/latest-news-headlines/solmax->

[preps-launch-of-100m-add-on-term-loan-for-acquisition-67678010](#)

Earthlok's Proprietary 60/60kN Geogrid Used for Earthlok Geosynthetic Concrete Products Formulated with State-of-the-Art Antioxidants and Stabilizers for Outstanding Long-Term Durability and Stability

<https://cloud.excelplas.com/s/Ga9X3Gmu6jUd1Bi#pdfviewer>

Large White HDPE-Lined Crystal Lagoon™ in Florida Installed by Comanco

HDPE Liner installation is one of the most important components of a Crystal Lagoon. The Liner is white and reflects the sun through the water to show the colour of the sky giving the water a "Crystal Clear Blue" color.

<https://comanco.com/blog/comanco-completes-crystal-lagoon-in-south-west-florida/>

Crystal Lagoons and Hyundai-Nexplan Launch Their Massive Plan for PAL™ Projects in South Korea

<https://www.prnewswire.com/news-releases/crystal-lagoons-and-hyundai-nexplan-launch-their-massive-plan-for-pal-projects-in-south-korea-301406641.html>

Comanco Begins New HDPE Landfill Cell in Central Florida

<https://comanco.com/blog/comanco-begins-a-new-landfill-cell-in-central-florida/>

US Geomembrane Extrusion Equipment Manufacturer Under New Management

<https://www.luigibandera.com/bandera-u-s-under-new-management-and-organization/>

Greek PhD Student Eirini Christoforidou receives Geosynthetic Institute Fellowship

https://engineering.purdue.edu/CE/AboutUs/News/Geotechnical_Features/eirini-christoforidou-receives-geosynthetic-institute-fellowship

GEOMEMBRANES

Temperature Effects on Ageing Properties and Diffusivity of a HDPE Geomembrane in Landfill

<https://journals.sagepub.com/doi/abs/10.1177/0734242X211057014>

GEOGRIDS

Innovative Engineering – The Genesis and Continual Development of Geogrids

<https://construction-update.co.uk/2021/11/15/innovative-engineering-the-genesis-and-continual-development-of-geogrids/>

GEOCELLS

Development of a Simplified Design Approach for Shallow Ballasted Track Forms with Geocells Reinforced Sub-Ballast

<https://www.tandfonline.com/doi/abs/10.1080/23248378.2021.2002736>

Improvement Separation Layer of Disconnected Piled Raft Foundations using Geogrid and Geocell Layers

https://www.e3s-conferences.org/articles/e3sconf/pdf/2021/94/e3sconf_icge2021_01017.pdf

GEOCOMPOSITES

An Experimental Evaluation of Geocomposite-Reinforced Soil Sections

<https://www.sciencedirect.com/science/article/abs/pii/S0950061821033043>

GCCM

CONCRETE MAT CLOTH® (GCCM)- Essentially, it's Concrete on a Roll !

<https://formdirect.com.au/concrete-mat-cloth>

HDPE/GRAPHENE COMPOSITES FOR GEOSYNTHETICS

Statistical Optimization Using Response Surface Methodology for Enhanced Tensile Strength of Polyethylene/Graphene Nanocomposites

<https://publisher.uthm.edu.my/ojs/index.php/ijie/article/view/6807>

HDPE/Carbon Nanotubes (CN) Composites: Investigation on the Factors Responsible for the Fracture Formation Under Tensile Loading

<https://link.springer.com/article/10.1007/s10965-021-02807-4>

NEW JOBS

TENEO Seeking Environmental Containment Project Engineer

<https://www.seek.com.au/job/55008689?type=standout>

GEOSYNTHETIC DIGITAL MARKETING

How to Get Noticed by More Than 48,000 People in the Geosynthetic Space Across the Globe

GNA reaches over 40,000 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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- 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

This Newsletter is brought to you by ExcelPlas Labs Australia's Largest group of Geosynthetics Testing Labs.

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

GNA is currently sent to over 7500 Geosynthetic Industry Members Globally every week.

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