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

NEWSMAKERS: * ACIGS * Cortex Composites * Dorey * ExcelPlas * GCCM * Geocomposite * GSI * Raven * Solmax * TENSAR * Terram * TILTEX

INDUSTRY NEWS

Cortex Composites' Broadest and Strongest GCCM Patent Granted in the US Last Week

This is their most significant patent yet and this latest patent makes 8 US patents for Cortex, and 40 patents worldwide for Cortex.

<https://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&p=1&u-/netahtml/PTO/search-bool.html>

Raven Industries Reports Second Quarter Fiscal 2022 Results

Consolidated net sales were \$114.4 million, an increase of 34.3 percent versus the prior year. Engineered Films' net sales increased 57.5 percent versus the prior year as the division's end-markets continued their recovery from the adverse effects of the global pandemic, leading to year-over-year growth across all end-markets.

<https://www.businesswire.com/news/home/20210825005774/en/Raven-Industries-Reports-Second-Quarter-Fiscal-2022-Results>

MAJOR REVIEW - Polymer Geogrids: A Review of Material, Design and Structure Relationships [PDF]

https://res.mdpi.com/d_attachment/materials/materials-14-04745/article_deploy/materials-14-04745-v2.pdf

New Geosynthetics Design Online Tool and Workshop for Unpaved Roads

<https://www.paperadvance.com/blogs/fpinnovations/new-geosynthetics-design-online-tool-and-workshop-for-unpaved-roads.html>

GSI to Host Webinar on Lifetime Predictions of Nonexposed and Exposed Geosynthetics (Sept. 8th, 2021)

<https://geosyntheticsmagazine.com/2021/08/27/gsi-to-host-webinar-on-lifetime-predictions-of-nonexposed-and-exposed-geosynthetics/>

Dorey Presents the Major Benefits of Geomembrane Welding Machines

<https://www.youtube.com/watch?v=UMZZzfngm5A>

GCCM NEWS

New Patent Protects 100's of Different GCCM Materials Including Innumerable Geocomposite Combinations and Iterations

<https://www.freepatentsonline.com/11098486.pdf>

Exclusive Anti-Cracking GCCM Outperforms in Sydney's Highest Rainfall in 38 Years

<https://cloud.excelplas.com/s/SrxopFbum26f0OP#pdfviewer>

Tiltex Australia Announce Launch of New Website for Exclusive GCCM

<https://cloud.excelplas.com/s/lpZx2MoTpvPcBpX#pdfviewer>

GOMEMBRANES

Design Guidance for Protection of Geomembrane Liners in Landfill Applications

<https://cdnsiencepub.com/doi/abs/10.1139/cgj-2021-0222>

Modelling of Non-Isothermal Diffusion of Contaminants in an Unsaturated Composite Geomembrane Liner

<https://www.sciencedirect.com/science/article/abs/pii/S0022169421008982>

Top Reasons Chemical Resistance Is a Very Important Geomembrane Property

<https://www.xrgeomembranes.com/blog/chemical-resistance-in-geomembranes>

101 on How to Install a Geomembrane Liner in a Large Pond

<https://geosyntheticsmagazine.com/2021/08/25/how-to-install-a-liner-in-a-large-pond/>

Solmax Published APAC eNews (August 2021 Edition)

<https://cloud.excelplas.com/s/XFhkCiGTIfVz0u5#pdfviewer>

Plasticisers in the Terrestrial Environment: Sources (Including Geomembranes), Occurrence and Fate

<https://www.publish.csiro.au/en/pdf/EN21033>

GEOTEXTILES

Classification of Geotextiles and Analysis on Tests for Their Tensile Properties [PDF]

<https://iopscience.iop.org/article/10.1088/1742-6596/2009/1/012012/pdf>

Application of Wicking Geotextile for Pavement Infrastructure on Expansive Soil

https://link.springer.com/chapter/10.1007/978-3-030-77234-5_44

GEOGRIDS

Near Geogrid Stiffness Quantification in Airport Pavement Base Layers Using Bender Element Field Sensor

https://link.springer.com/chapter/10.1007/978-3-030-77234-5_58

Experimental Investigation of the Stabilization Performance of Geogrids for Unpaved Roads with Low Bearing Capacity Subgrade

https://link.springer.com/chapter/10.1007/978-3-030-77234-5_59

Geotechnical Centrifuge and Full-Scale Laboratory Testing for Performance Evaluation of Conventional and High-Speed Railway Track Structures

https://link.springer.com/chapter/10.1007/978-3-030-77234-5_78

MORE INDUSTRY NEWS

Meet The TERRAM Team : Adam Brooksbank

<https://terram.com/news/meet-the-terram-team-adam-brooksbank/>

Waikiki Groin Engineering with Geotextiles for Coastal Management by Joseph Little (Video)

<https://www.youtube.com/watch?v=pkbSS9JeB5Q>

ACIGS NEWS

ACigs Technical Forum 2 - Registrations Now Open

<https://www.acigs.org/events/technical-forum-2-soil-reinforcement-geo-reinforcement>

ACigs 2021 Photo Competition Now Open

<https://www.acigs.org/acigs-photo-competition-2021>

GEOSYNTHETIC DIGITAL MARKETING

How to Get Noticed by More Than 40,000 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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- 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.

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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/>

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