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INDUSTRY NEWS

Geosyntec Expands Australian Footprint with Acquisition of Red Earth Engineering
https://www.geosyntec.com/news/item/7984-geosyntec-expands-client-service-in-australia-with-red-earth-engineering-acquisition?utm_campaign=Australia&utm_content=231277841&utm_medium=social&utm_source=linkedin&hss_channel=lcp-13631399

Brazilian Geomembrane Manufacturer Nortene Develops Textured Geomembranes Tailored for Mining Industry
https://cloud.excelplas.com/s/TIRtENJJ8PK2yfg

Solmax Files World Patent for Apparatus and Method for Detecting Holes/Leaks in Geomembranes
https://www.freepatentsonline.com/WO2022254231A1.pdf

Kuraray Develops New EVOH Gas Barrier Geomembrane [PDF]
https://www.freepatentsonline.com/20220396060.pdf

New Geomembrane and Cover Presentations at Geo23 in Kansas City
Paper #1261809 - High Performance Geomembranes in Aggressive Mining Applications, February 8, 2023, 8:00-9:30pm
Paper #1261347 - Emerging Uses of Geosynthetic Floating Covers in the Energy Sector, February 7, 2023, 1:30-3:00pm
https://geosyntheticsconference.com/

ABG Provides Geosynthetic Leak Detection Solution for Tropical Fruit Irrigation Basin on El Hierro
https://www.abg-geosynthetics.com/company/news-archive/abg-provides-leak-detection-solution-for-tropical-fruit-irrigation-basin-on-el-hierro/

Cook Islands Weigh Up Geotextile Bags and Containers Options to Prevent Coastal Erosion
https://geosyntheticsmagazine.com/2022/12/12/cook-islands-weighs-up-geotextile-bags-and-containers-options-to-prevent-coastal-erosion/

Geosynthetics for Filtration and Stabilisation: A Review
https://www.mdpi.com/2073-4360/14/24/5492

Alberta Government Adds Layfield Geogrids to Approved Products List
http://www.transportation.alberta.ca/planningtools/GMS/ProductList/Geosynthetics.pdf

UPCOMING WEBINARS

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

GEOMEMBRANES

Analysis of Textured Geomembrane–Soil Interface Strength to Mining Applications [PDF]
https://cloud.excelplas.com/s/TIRtENJJ8PK2yfg

Effects of PFAS on Antioxidant Depletion from HDPE Geomembranes
https://pubmed.ncbi.nlm.nih.gov/36502710/

Puncture Behaviour of HDPE Geomembranes with Defects: Laboratory Investigation
https://www.wosonhj.com/scholar/170732xs.html

Swelling Behaviour and Flow Rates of a Novel Hydrophilic Gasket Used in Composite Geomembrane Vertical Cut-off Walls
HDPE geomembrane was obtained from Atarfil (Granada, Spain)
https://www.mdpi.com/2075-5309/12/12/2207

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

GEOTEXTILES

Filtration Studies for Geotextile Selection to Produce Rare Earth Elements Preconcentrate
https://link.springer.com/article/10.1007/s40891-022-00420-z

Geosynthetics for Filtration and Stabilisation: A Review [PDF]
https://www.mdpi.com/2073-4360/14/24/5492

Geotextile Resistance to Cyclic and Static Loading Damage when Impregnated with Asphalt Emulsion
https://www.sciencedirect.com/science/article/abs/pii/S0950061822033943

Geotextile Wind Mill Possible Solution to CO2 Removal from Atmosphere
https://www.freepatentsonline.com/11524260.pdf

Swedish Researchers Say Second Major Source of Microplastics in Urban Catchments and Stormwater is Construction and Landscaping Materials and Activities (Geotextiles, Artificial Turf and Rope)
https://www.sciencedirect.com/science/article/pii/S0048969722068814

GCCM

Concrete Canvas Updates its FAQs
https://www.concretecanvas.com/uploads/1.3-CCUSA-FAQs.pdf

GEOGRIDS

DEM Simulation of Geogrid–Aggregate Interface Shear Behaviour: Optimization of the Aperture Ratio Considering the Initial Interlocking States
https://www.sciencedirect.com/science/article/abs/pii/S0266352X22005195

Mesoscopic Failure Behaviour of Strip Footing on Geosynthetic-Reinforced Granular Soil Foundations Using PIV Technology
https://www.mdpi.com/2071-1050/14/24/16583/pdf

Reinforcement of Runway Embankment by Using Geosynthetics in Indonesia
https://link.springer.com/chapter/10.1007/978-981-19-3322-6_7

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.
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https://www.youtube.com/watch?v=QCkE3q3sHPg

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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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• 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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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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