Freudenberg and SKZ expand, Simplot settles - July 2023 Vol. 3

Author : GNA

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NEWSMAKERS: * 3D Entangled Mat * Atarfil * BHP * Concrete Canvas * Enka®Solutions * Freudenberg * GCCM * Geosynthetic Insights * Geosynthetics * GNA * Marc Amtsberg * MastaTEX™ * Simplot * SKZ * US-EPA * VALE

BREAKING NEWS

Press Release - Freudenberg Expands Global 3D Entangled Mat Production with a New Geosynthetic Line in China
https://cloud.excelplas.com/s/CJ41WZG2tLYe1Zo

SKZ Expands Geosynthetics Testing Capacity with New High-Pressure Autoclaves
https://cloud.excelplas.com/s/Ykk3p9iHSykYjYH
https://cloud.excelplas.com/s/SmTo0xv0JlcTgFB

LEGAL NEWS

Simplot Agrees to Pay Over $150 Million in Environmental Clean-up Settlement
In 2017, Simplot finished lining the gypsum stack with a synthetic 16 oz. (520 gsm) non-woven polypropylene geotextile to keep the material from contaminating the surrounding area.
https://boisedev.com/news/2023/07/13/pocatello-simplot-settlement/

BHP Demands that Vale Joins $44bn Tailings Dam Collapse Lawsuit
https://www.mining-technology.com/news/bhp-demand-vale-joins-44bn-lawsuit/?utm_campaign=GD%20Mining%20Prospect%20Newsletters&utm_medium=email&_hsmi=73933333&_hsenc=p2ANqtz-9KNWDL06Z0ti2Hauyo1DRx7rophcrrWPMP37rWt9CX22qNbZmFBqlXXHUK5W0FddfT6PAdMW9sbYr_cBYBV7UsCrO1tQ&utm_content=73933333&utm_source=hs_email

INDUSTRY NEWS

Geosynthetic Insights #1 – PP or PET Geotextiles?
https://www.excelplas.com/geosynthetic-inputs-and-manufacturing-properties-that-impact-product-life-not-captured-in-technical-datasheets/

Leaking USA Reservoir with Epoxy-Coated Geotextile Liner Attracting Consultants to Determine Mode of Failure
https://www.thechronicleonline.com/opinion/letter-lack-of-transparency/article_31052ee4-1f5c-11ee-bb01-e714ae68c335.html

Efficient and Fail-proof Lining Solution for Sewerage Treatment Plant using GCCM MastaTEX™ Concrete
https://polyfabrics.com.au/case-studies/sewerage-treatment-plant-using-mastatex-concrete/

New Patent for Optical Fibre Sensors in Earth Dams and Other Applications with Geosynthetics and Reinforced Earth
https://www.freepatentsonline.com/EP3948167B1.pdf

CORRECTION - SKZ Develops New Geosynthetic Drainage Sheet
A new, patented process describes the integral manufacturing of a geosynthetic drainage sheet (GDS) from a single plate-shaped base body. In the simplest case, grooves (MD "machine direction") and counter-grooves (CMD "cross-machine direction") are introduced into an extruded, plate-shaped base body with the aid of embossing rollers. These grooves are formed by material displacement, which leads to opening passages at the crossing points of the

grooves and counter-grooves.
https://worldwide.espacenet.com/patent/search/family/067253904/publication/US2021276230A1?q=Kunststoffdr%C3%A4nbahn

GEOMEMBRANES

US-EPA Assessment of Municipal Solid-Waste Landfill Liner Performance
https://cloud.excelplas.com/s/rPnnBW6fHWm7UDJ

Transport of Organic Contaminants in Composite Vertical Cut-Off Wall with Defective HDPE Geomembrane
https://www.mdpi.com/2073-4360/15/14/3031/pdf?version=1689226748

Simplified and Rigorous Approaches to Model the Transport of Inorganic Contaminants through Composite Liners with Defective Geomembranes
https://iris.polito.it/handle/11583/2979819

Performance-Based Design of Landfill Liners
https://iris.polito.it/handle/11583/2979818

GEOTEXTILES

Large-Scale Hydraulic Performance Testing of a Geotextile Mechanically Stabilized Earth (MSE) Wall Constructed with Recycled Concrete Aggregate Backfill
https://www.astm.org/gtj20220257.html

GEOGRIDS

Coupled Flow-Deformation Analysis of MSE Wall Reinforced with Hybrid Geogrids
https://link.springer.com/article/10.1007/s40891-023-00466-7

GCCMs

Inner Shear Resistance Increasing Effect of Concrete Canvas in Ballasted Railway Tracks
http://nvngu.in.ua/jdownloads/pdf/2023/2/02_2023_Eller.pdf

STRAIN-SENSING GEOSYNTHETICS

Interfacial Behaviour of Soil-embedded Fibre Optic Cables with Micro-Anchors for Distributed Strain Sensing
https://link.springer.com/article/10.1007/s11440-023-01956-8

New Patent for Optical Fibre Sensors in Earth Dams and Other Applications with Geosynthetics and Reinforced Earth
https://www.freepatentsonline.com/EP3948167B1.pdf

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

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• Special Advertising Packages Available for Geosynthetic Manufacturers, Installers, and Service Providers.

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- 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.

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