

Geoliner™

AKS Lining Systems

SPECIALIST MANUFACTURER
OF THERMOPLASTIC LINERS

GEOMEMBRANE LINERS

AKS Lining Systems, now one of the largest producers of Geomembrane liners on the African continent, continues to expand internationally, with exports to more than 26 countries worldwide.

Situated in Cape Town, South Africa, AKS Lining Systems is well positioned to support the local South African market as well as servicing the SADC region. Our proximity to the port allows for rapid exports into both West and East African markets.

HIGH PERFORMANCE AND LONG-TERM SOLUTION

Thermoplastic lining systems, being HDPE or LLDPE, are used in diverse applications such as mining, environmental conservation, water treatment and general infrastructure. The main purpose being to protect the environment from contamination caused by seeping chemicals or unwanted effluent leaching into the ground water. In other applications such as Mining, the liner systems are also key to the long-term containment of high value product.

The high-performance, long-life expectancy and overall durability of HDPE and LLDPE liners make them the ideal choice in these demanding applications.

AKS products are manufactured using the “flat-die” extrusion process, in 7m widths and thickness ranging from 1mm up to 3mm. Our European-made extruders ensure the highest level of accuracy over continued long-term use.

GEOLINER™

Geomembrane such as the trade-mark, Geoliner™ can be custom-made to suit specific project requirements, taking into account installation needs, roll lengths, truck and container loading configurations.

Geoliner™ can also be manufactured as a reflective liner, having a thin, white reflective layer added during the co-extrusion process. This white surface reflects the sun’s rays and assists the liner to remain cooler, allowing for easier installation and covering. Geoliner™ can also be manufactured with a very thin, highly conductive layer on the underside. This allows for quick and easy pin hole detection after installation. All Geoliner™ products are available with a Smooth, Textured or Mega Textured finish that can be supplied in combinations of either single-side or double-sided textured surfaces.

Our logistics team ensure expert handling and loading of trucks and containers, along with all paperwork and other commercial requirements for ease of border control and clearing. All of our Thermoplastic products are supplied with a South African Certificate of Origin. For ease of handling, all Geoliner™ rolls are fitted with certified handling slings to assist customers with on-site off-loading activities.

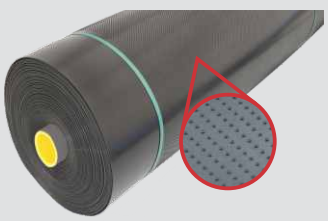
HIGHEST LEVEL OF QUALITY CONTROL

We take pride to ensure that all aspects of our operation are carefully managed and monitored. Our ISO 9001:2015, ISO 45001:2018 and ISO 14001:2015 certification plays a key role in managing and maintaining the highest standards in all of our process and quality control systems.

AKS Lining Systems maintains a state-of-the art laboratory, operating 24hrs per day, which ensures that all liner produced, meet or exceed International standards such as GRI-GM13 and GRI-GM17 or SANS 1526.

SURFACE FINISH OPTIONS

MEGATex



TEXTURED



SMOOTH



Available from 1.0mm to 3.0mm thicknesses and in combination of single- or double-sided surfaces.

WHEN ENVIRONMENTAL PROTECTION & SUSTAINABILITY ARE ESSENTIAL











PROVIDING EXCEPTIONAL BARRIER CONTROL

Tailings Storage Facilities, Heap Leach Pads,
Hazardous Waste Landfills, Water Reservoirs and Ponds.







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