



AKS Lining Systems (Pty) Ltd





Company Overview

AKS Lining Systems, has been manufacturing quality thermoplastic products since 2002 and has recently undergone in-house expansions, doubling its production and logistical capacities.

AKS Lining Systems operates within a very specialist, yet expanding market in manufacturing quality Corrosion Protection Liners (CPL's) using various thermoplastic materials. Our products are manufactured in Cape Town, South Africa, exported to more than 20 countries and installed in diverse applications such as mining, water treatment and conveyance of sewerage.

Our supply programme consists of a specialised range focusing predominantly on Corrosion Protection of concrete and various other substrates. We offer cast-in liners in the form of Anchor Knob Sheet and also smooth Geo-membrane liners. Both these ranges are available in a variety of colours with or without co-extrusion. Our products are homogeneously extruded and are cast into the substrate during installation to form a permanent protective solution. AKS Lining Systems further offer auxiliary products such as profiles, welding rod and installation tools.

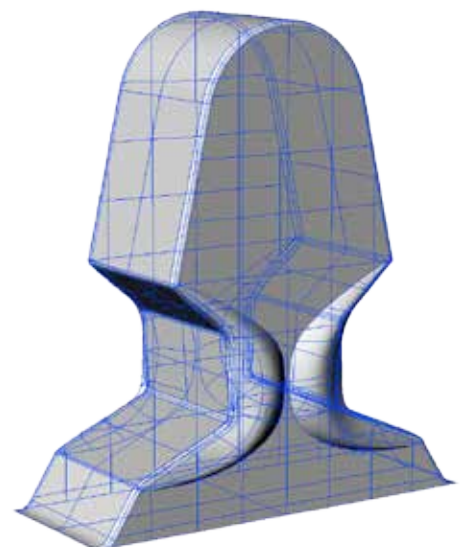
AKS Lining Systems is a manufacturing facility however our in-house sales engineers have a wealth of installation knowledge in geosynthetic fields. Our philosophy is to analyse customer needs and to offer them technical, hands-on advice resulting in long lasting solutions.

AKS Lining Systems has grown to be an extremely competitive global producer of thermoplastic products. We achieve our competitive edge by streamlining our operations and by using technologically advanced and energy efficient equipment. Through innovation we are able to offer our customers comprehensive systems and complete technical support at competitive prices.

Timothy Claassen
Managing Director



AKS Lining Systems is proud to be an ISO 9001:2008 registered company.



Our product range



STANDARD AKS

Anchor Knob Sheet (AKS) is a “state of the art”, robust concrete protection liner system. The liner is manufactured from first grade Polyethylene resin (HDPE or LLDPE) and is designed to protect concrete structures in chemically aggressive environments.

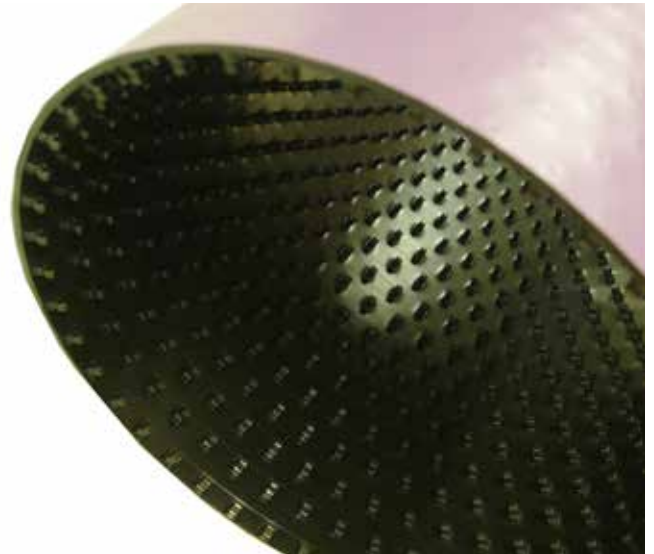
AKS is a high quality liner, enhanced through the formation of anchors on one surface. These anchors are

formed during the extrusion of the AKS sheeting and provide a total homogeneity between the anchor and the sheet, ensuring the highest possible adhesion to the structure and maximum reliability.

AKS is manufactured in a thickness range of from 1,65mm to 6,0mm and is suitable for a wide range of concrete protection applications.



Our product range



CO-EXTRUDED AKS

Co-extruded AKS offers a number of technical and quality control benefits over standard, single colour product. The co-extrusion process allows the AKS to be extruded with two colours. Typically these are contrasting colours, enabling better QA/QC on site and during installation.

The outer/ exposed surface of the AKS will have the

lighter, easily visible colour, while a black or grey colour is kept as the main body of the product. Scratches or damage to the liner are easily detected and marked for repair.

The thickness of this signal layer can be varied according to the project specification or on site requirements. Typically it will be approx. 10% of the sheet thickness.



Our product range



GEOLINER

Geoliner is a smooth geomembrane liner produced from HDPE or LLDPE resin. Geoliner conforms to (and in some instances exceeds) the requirements of the GRI-GM13 (HDPE) and GRI-GM17 (LLDPE) specifications.



CO-EXTRUDED GEOLINER

Co-extruded geoliner is manufactured on our modern co-extrusion line. This allows for a second colour to be incorporated into the top surface of the Geoliner during the extrusion process. This signal layer adds a number of benefits to the product such as heat reflection for better lay-flat properties during installation and scratch indication for better on-site QC.



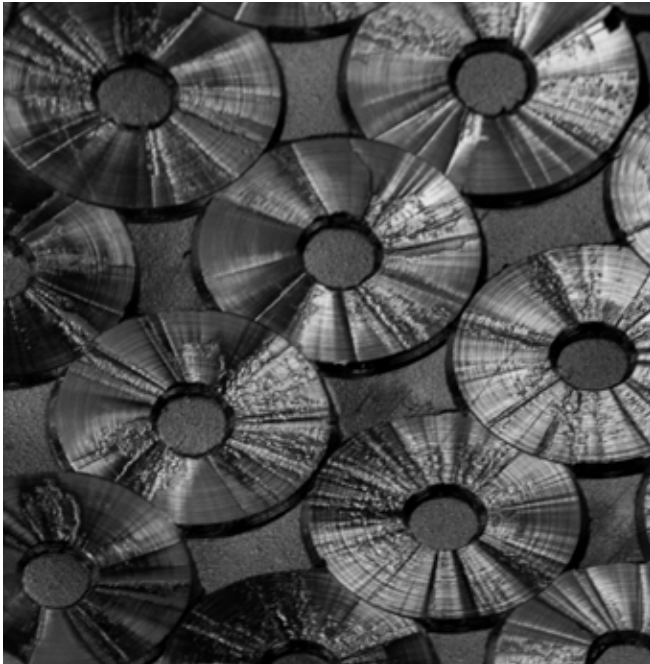
SECULOCK

Seculock is an extruded profile designed for use as a termination and/or attachment detail between HDPE liners and concrete structures. Seculock is available in



long lengths and is UV stabilised for long-term exposure to sunlight.

Our product range



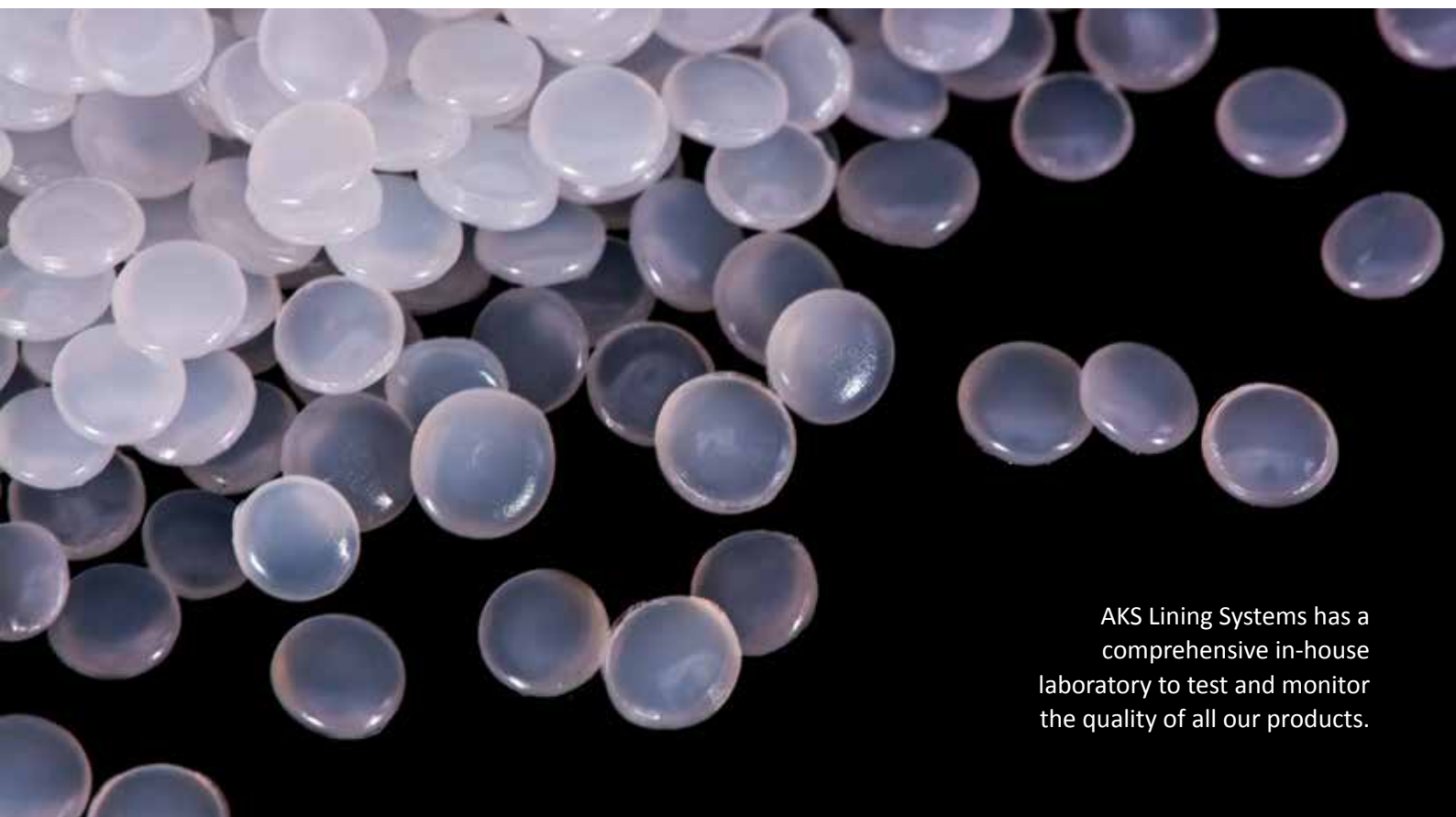
ANTI-SLIP AKS

Anti-slip AKS has been specifically designed for high traffic areas, such as walkways in pump stations or lined bund areas. The Anti-slip surface offers an exceptionally high friction surface. The Anti-slip profile also allows for easy cleaning of the trafficked area.



WELDING ROD

AKS Lining Systems manufacture a full range of welding rod specifically designed for use with its AKS or Geoliner products. Welding rod is manufactured in various diameters from 3,0mm to 5,0mm depending on installation equipment. A range of colours are available.



AKS Lining Systems has a comprehensive in-house laboratory to test and monitor the quality of all our products.



AKS Lining Systems (Pty) Ltd

CONTACT US:

Tel: +27 (0) 21 983 2700

Fax: +27 (0) 21 982 1597

Email: info@aks.co.za

Web: www.aks.co.za

**P.O. Box 1066, Cape Gate, 7562
Cape Town, South Africa**