

AKS Lining Systems (Pty) Ltd

Specialist in high performance concrete protection liner



Technical Data:

Seculock

Black UV Stabilised High Density Polyethylene

Seculock waterbar is an extruded HDPE profile, specifically designed for use with smooth HDPE liners or with HDPE corrosion protection liners to provide a very effective termination / attachment detail between HDPE geomembranes and concrete structures.

Seculock is available in long lengths and is UV stabilised for long term exposure to sunlight. It is produced from high-grade resin, providing broad compatibility with modern HDPE lining materials.

Properties	Test Method	Unit	Value	Frequency
Thickness	ASTM D 5199	mm	4	600 kg
Density	ASTM D 1505/D 792	g/ml	≥0,940	600 kg
Carbon black content	ASTM D 1603	%	2 to 3	5700 kg
Carbon black dispersion	ASTM D 5596	Category	1 or 2	17 000 kg
Tensile properties	ASTM D 6693-04			
• yield stress *		MPa	15 *	
• break stress *		MPa	27 *	
• yield elongation *		%	12 *	600 kg
• break elongations*		%	700 *	600 kg

* denotes measured on smooth portion of Seculock

For further information on this product, please contact us at the following address:

P O Box 1066, Cape Gate, South Africa, 7562

Tel: +27 21 983 2700

Fax: +27 21 982 1597

www.aks.co.za

Technical data refers to average values, measured across the manufactured width of the product. This information is expressed as a guide and based on values measured in our laboratory as well as independent laboratories. The quoted values are based on specific resin properties and are subject to change without prior notice.