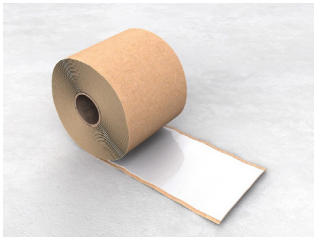
Specialist Geomembranes

Technical Data Sheet

Landflex™ ZRX Tape



Building regulations require that proper preventative measures be taken to avoid danger to health & safety when building on contaminated land. Landflex™ ZRX Tape is specifically designed to offer a safe solution for the protection of buildings constructed in areas where gases are present - such as disused mines, coalfields, industrial and landfill sites.

Landflex™ ZRX Tape is used as part of the Landflex™ Gas Barrier System and is ideal for junctions and stanchions. Superior adhesive qualities ensure continuity of protection.

- Incorporates an aluminium foil core to provide resistance to the passage of methane, carbon dioxide and radon gases.
- Excellent adhesion properties to most membrane types and building materials.
- Easy to install, providing a robust and economical method of membrane jointing.

Store in a dry, well ventilated location, out of direct sunlight; temperatures should ideally be between +5 and +40C

The information herein is based upon data obtained by the manufacturer and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data. This information is furnished upon the condition that the person receiving it shall evaluate its suitability for the specific application.

Dimensions	Unit	Typical Values	Test Method
Backing Thickness	mm	0.125	-
Backing Type	-	Aluminium	-
		Polythene	-
		Laminate	-
Adhesive Thickness	mm	0.98	-
Total Thickness	mm	1.15	-
Width	mm	150.30	-
Length	m	10	-
Weight (approx.)	kg/m²	1.2	-
Mechanical Properties			
Tape Strength	N/mm	3.0	ASTM D1000
Elongation	%	40	ASTM D1000
Puncture Resistance	N	250	ASTM E154
Adhesion (180° Peel)	N/mm	2.0	ASTM D1000
Functional Data			
Water Vapour Transmission	g/m²/24h	<0.1	ASTM E96
Methane Gas Permeability	ml/m²/24h	<0.03	-
Radon Diffusion	m²/s	5.0×10^{-14}	-
Dimensional Stability	%		MOAT 27 5.1.6 (80°C)
Longitudinal & Lateral		0.00	-

BUTEK Tanks
BUTEK Landline

Specialist divisions of Butyl Products Ltd
T: +44 (0) 1277 653 281
E: enquiries@butektanks.co.uk W: butektanks.com
E: enquiries@butek-landline.co.uk W: buteklandline.co.uk