

Specialist Geomembranes

Technical Data Sheet

Landflex Self Adhesive Membrane 1.0mW



Building regulations require that proper preventative measures be taken to avoid danger to health & safety when building on contaminated land. Landflex Self Adhesive Membrane (SAM) 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 Self Adhesive Membrane is used as part of the Landflex Gas Barrier System and is ideal for junctions and stanchions. Superior adhesive qualities ensure continuity of protection.



- **Resistant to the passage of Methane, Carbon Dioxide & Radon Gas**
- **Water & Vapour proof**
- **Laminated metal foil polymer**
- **Single layer: Simple, reliable**
- **Cold application: No heating required therefore lower fire hazard.**
- **White surface self adhesive**

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.

Material Properties	Unit	Test Method	Compliance Criteria	Typical Values
Length	m	EN 1848-2	-0% ± 5%	20.0
Width	m	EN 1848-2	-5% ± 5%	1.0
Thickness	mm	EN 1849-2	-5% ± 10%	1.50
Mass	g/m ²	EN 1849-2	-10% ± 10%	1650
Watertightness	-	EN 1928	Pass / Fail	PASS: 60Kpa
Durability after artificial ageing	-	EN 1847	Pass / Fail	PASS: 60Kpa
Durability against chemicals	-	EN 1847	Ps	PASS: 60Kpa
Resistance to tearing (Nail shank) MD/CMD	N	EN 12310-1	> >	100 100
Water vapour transmission properties	g/m ² /day	EN 1931	MDV	0.09
Resistance to static loading	kg	EN 12730	>MLV	20.0
Resistance to impact	N	EN 12691	>	500
Reaction to fire	-	EN 13501-1	Class	F
Joint resistance	N	EN 12317-1	>	30
Tensile properties MD/CMD	N/mm ²	EN 12311-2	> >	2.5 2.5
Tensile elongation MD / CMD	%	EN 12311-1 EN 12311-2	> MDV	130 130



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Containment Solutions

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