Specialist Geomembranes

Technical Data Sheet

Landflex™ RPP100 Reinforced Polypropylene



One of the most versatile geomembrane linings available with good chemical resistances and excellent flexibility even at low temperatures.

Typical applications include:

- Tank Linings
- Wildlife Pond and Lake Lining
- Reservoir Linings, Floating Covers and Baffle Curtains
- Roofing and Decking
- Groundsheets

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	Typical Values
Surface topside	-	-	Smooth, grey
Type of reinforcement	-	-	Polyester, 1100 dtex
Surface bottomside	-	-	Smooth, grey
Weight	g/m²	EN 1849-2	800 ± 5%
Length	m	EN 1848-2	500
Width	m	En 1848-2	2.10 ± 5%
Thickness	mm	EN 1849-2	0.9 ± 5%
Tensile strength MD / CMD	N/50mm	EN 12311-2 Method A	1800 / 1600 ± 20%
Elongation at break	%	EN 12311-2 Method A	>20
Tear resistance	N	EN 12310-2	> 300
Dimensional stability	%	EN 1107-1	< -1
Peel resistance	N/50mm	EN 12316-2	> 100
Low temperature flexibility	°C	EN 495-5	-40
Chemical resistance	-	ISO 175	Good



Example application: Floating reservoir covers



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