



FLEXIBLE HYDROCARBON MEMBRANE

Radbar Flexible Hydrocarbon Membrane is manufactured from a blend of virgin polymers engineered to provide protection against the ingress of hydrocarbons and VOC's.

Radbar Flexible Hydrocarbon Membrane complies with BS 8485: 2015

Length	EN 1848-2	M	20
Width	EN 1848-2	M	1.3
Thickness	EN 1848-2	mm	1.0
Tensile Strength	EN EN 12311	N/mm ²	>22
Elongation	EN EN 12311	%	>398
Joint Strength	EN 12317-2	N	520
Watertightness 2kPA	EN 1928	-	Pass
Resistance to impact	EN 12691	mm	660
Resistance to static loading	EN 12730	Kg	20
Resistance to nail tear	EN 12310-1	N	>700
Durability (heat ageing)	EN 1926	-	Pass
Durability (chemical resistance)	EN 1847	-	Pass
Resistance to low temperature	EN 495-5	-	Pass @ -40
Water vapour permeability	EN 1932	g/m ² /day	0.08
Radon permeability		m ² /S	9.5 x 10 ⁻¹²
Methane permeability	ISO 15105-1	ml/m ² /day/atm	28
Diesel permeability	ISO 6179	g/m ² h	0.004
Petrol permeability	ISO 6179	g/m ² h	5.172
Xylene permeability	ISO 6179	g/m ² h	4.845
Toluene permeability	ISO 6179	g/m ² h	6.695
Chemical Resistance - Acidic	EN 14414-A	-	Pass
Chemical Resistance - Basic	EN 14414-B	-	Pass
Chemical Resistance - Solvents	EN 14414-C	-	Pass
Chemical Resistance – synthetic leachates	EN 14414-D	-	Pass
Resistance to leaching – Hot water	EN 14415-A	-	Pass



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Resistance to leaching – Aqueous Alkaline	EN 14415-B	-	Pass
Resistance to leaching – Organic Alcohol	EN 14415-C	-	Pass

Accessories available from the Radbar range:

- Jointing tape, double-sided and overlap tape
- Top Hats, for sealing pipe penetrations
- Pre-formed corners
- Detailing Strip, self-adhesive for corners and penetrations
- Protection Boards, for protecting the membrane post installation



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