

PRODUCT SPECIFICATION SHEET



RTEC 4 (BBA Certified)

BS:8485:2015 + A1:2019 Compliant Ground
Gas Resistant Membrane

COMPATABILITY TABLE

	CIRIA 665 CS2	CIRIA 665 CS 3-6	BS8485: 2015	NHBC Amber 1	NHBC Amber 2	BRE 211 Radon	VOC & Hydrocarbons
Radon			*	*	*	*	N/A
Carbon Dioxide	*	*	*	*	*	*	N/A
Methane	*	*	*	*	*	*	N/A
VOC / Hydrocarbons Vapours	*	*	*	*	*	*	*

TECHNICAL DATA

	Value	Units	Test Method
Width	2	M	EN 1849-2
Length	Various	M	EN 1849-2
Thickness	0.4	mm	EN 1849-2
Radon Perm	1.0X10 ⁻¹²	m ² /s	K124/02/95
Methane Perm	<10	ml/m ² /day/atm	BS EN ISO 15105-1
Carbon Dioxide Perm	<9	ml/m ² /day/atm	BS EN ISO 15105-1
weight	400	g/m ²	EN 1849-2
Oxygen Perm	0.08	ml/m ² /day/atm	BS EN ISO 15105-2
Petrol	(ave.)3.4x10 ⁻¹³	mol/m ² .s.pa)	BS EN ISO 15105-2
Diesel	(ave.)3.4x10 ⁻¹³	mol/m ² .s.pa)	BS EN ISO 15105-2
Resistance to static load	>20	kg	EN 12730
Tensile strength (md)	>300	N/50mm	EN 12311-2(A)
Tensile strength (cmd)	>300	N/50mm	EN 12311-2(A)
Tear strength (md)	>230	N	EN 12310-1
Tear strength (cmd)	>230	N	EN 12310-1
Resistance to impact	500	mm	EN 12691-B
Resistance to Puncture	>175	N	ASTM D 4833
Resistance to Puncture	1.7	KN	EN 12236
Reaction to Fire	E	-	EN 13501-1
Resistance to water penetration	pass	-	EN 1928(A)
Durability watertightness after artificial ageing	pass	-	EN 1926
Durability watertightness against chemicals	pass	-	EN1926

For technical assistance call: Stuart Reeves on **07984 208767**
Help with sales or support are also available using: stuart@geoguard.uk

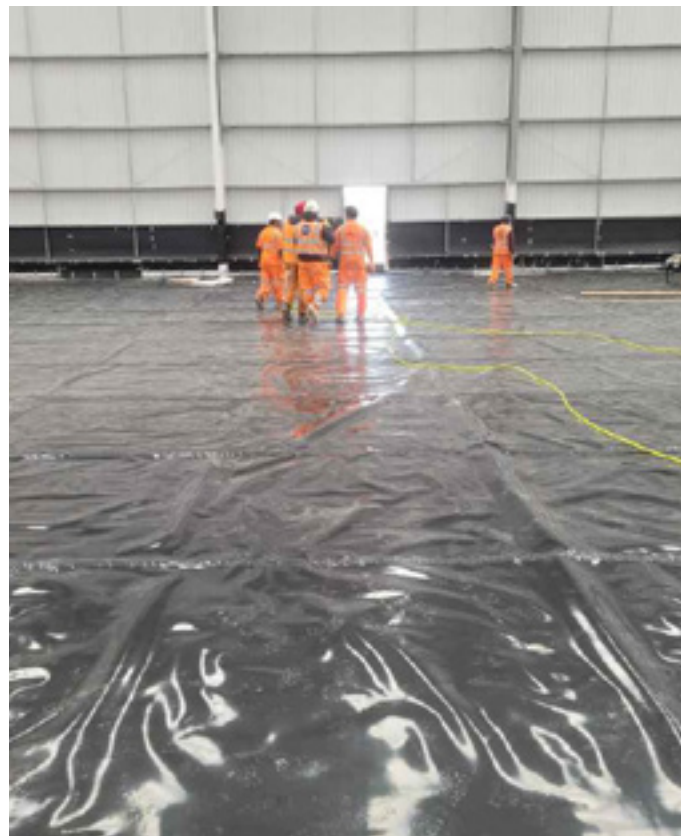
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DESCRIPTION

RTEC 4 is a high-performance Ground Gas resistant membrane. The membrane is extremely robust and provides protection from moisture therefore negates the need for a separate DPM. Suitable for hot-air and wedge welding.

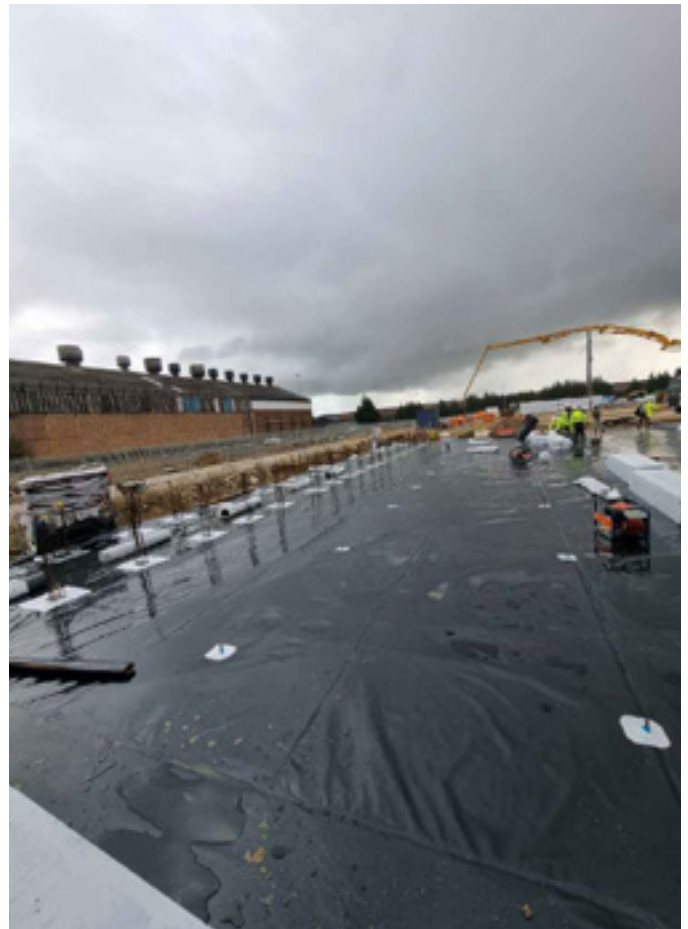
Complies to BS 8485:2015 & A1:2019. CE Certification standard EN13967:2012 EN13249:2016



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