

RTEC 4

NHBC Approved Gas/Hydrocarbon Membrane

Regulations Compatibility Table

	CIRIA 665 Characteristic Situation 2	CIRIA 665 Characteristic Situation 3-6	BS8485 Amber 1	BS8485 Amber 2 & Red	BRE 211 Radon	NHBC Amber 1	NHBC Amber 2
Methane	✓	✓	✓	✓	N/A	✓	✓
Carbon dioxide	✓	✓	✓	✓	N/A	✓	✓
Hydrocarbons	✓	✓	✓	✓	N/A	✓	✓
Radon	N/A	N/A	N/A	N/A	✓	N/A	N/A

Typical Properties

Roll Length	50m
Width	2m
Weight	0.37kg/m ²
Thickness	0.65mm
Colour	Various
Methane Permeability ml/m ² /24h/atm	<0.001/m ² /per day
Tensile Strength	10.5kn/m ²
Moisture Transmission	<0.01g/m ²
Radon improvement factor	500-1

Description

RTEC 4 is an approved NHBC product. It is significantly thicker than comparable products on the market such as Monarflex Reflex Super, Grace 400 Gas Membrane, Visqueen Gas Barrier and Proctors Protech GM Super Gas Membrane. It is an extremely robust high performance propriety reinforced gas/hydrocarbon barrier; that incorporates a 12 micron aluminium foil layer, for maximum protection against ground-bourn gases and hydrocarbon vapours. It has been specifically designed to conform with the latest guidance documents. Due to its unique composition, the membrane is extremely robust and flexible and therefore easy to install on site.

RTEC 4 complies with the BS Standards for Damp Proof Course (DPCs); in addition it also complies with the UK's Building Regulations for Damp Proof Membranes (DPM).

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