



Site Report

Project Overview:	Gas Membrane
Site Address:	27 Trenchard Drive, Moss Nook, Wythenshawe, Manchester, Greater Manchester, M22 5LZ
Description of Works:	Erection of 2no semi-detached dwellings with associated works
Lead Contractor:	Stewart Todd
Contractor Company Name:	Asico Construction Limited
Client Name:	Kansho Property Limited

Gas Membrane Details

This is to confirm that a gas membrane was installed by Asico Construction Limited for the newly built 2no semi-detached dwellings, and the installation was inspected by Surveyor Mr. James Gauton from Stroma Building Control.

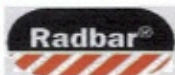
The following are the details:

Name: **Radbar Amber 1 Gas Barrier Membran**

Data Sheet On Next Pages



Data Sheet:



AMBER 1 MEMBRANE



Radbar Amber 1 Membrane is manufactured from a blend of high-quality virgin polymers, resulting in a robust membrane with high puncture resistance.

Radbar Amber 1 Membrane complies with NHBC Amber 1 requirements.

Thickness	BS EN 1849-2:2009	500µm / 2000 gauge
Width	BS EN 1848-2:2001	2m / 4m
Length	BS EN 1848-2:2001	25m / 12.5m
Colour		Orange
Water Vapour Trans	(g/m ² /day)	0.15
Radon Trans	10 ⁻⁸ m/s ⁻¹	22
Radon Perm	10 ⁻¹² m ² /s	8
Co2 Trans	ISO 2782 (m/s ⁻¹)	4.357
Co2 Perm	ISO 2782 (m ² /s)	2.055
Methane Trans	ISO 2782 (m/s ⁻¹)	2.452
Methane Perm	ISO 2782 (m ² /s)	1.248
Methane Perm	ISO 15105-1 (g/m ² /day/atm)	225
Tensile Strength	BS EN 12311-2:2013 (N/mm ²)	21
Resistance to Tear (Nail)	BS EN 12310-1:200 (N)	>330
Resistance to Impact	BS EN 12691:2018 (mm)	250

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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Certification No: 92/3667.

Approved by the British Board of Agreement

Yours Sincerely,

Stewart Todd

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