GAS MEMBRANE VALIDATION

Site: East Tame	
Date: 22-11-2018	Project Number: 10-917
Project Manager: D. Cox	E3P Engineer: J. Newall
Ground Gas Risk Assessment: **Amber 1**	

Overview:

The membrane comprised a Visqueen low permeability gas membrane (Blue) resistant to radon, carbon dioxide and low levels of methane. E3P can confirm there were no holes or rips at the time of inspection. Upon being laid the membrane is to be covered with a Celotex (closed Cell) floor insulation material which is considered to provide a high degree of protection.

All external joints were inspected and E3P can confirm that the membrane was overlapped and double taped to external and internal gas resistant DPM. The membrane was taped to the gas resistant DPM using a double sided jointing tape. All the overlaps were then additionally taped using foil backed girth tape.

Each unit has a service duct located to the front and outer edge of the property. E3P inspected each one and can confirm that the top-hats have been adequately sealed against the membrane.

Based on the information provided within this report, the site inspections and validation checklists, E3P can confirm that **Plot 28** has been installed with gas protection measures in accordance with Amber 1 to an acceptable level of workmanship.

Membrane Specification: Visqueen Gas Membrane (Blue)

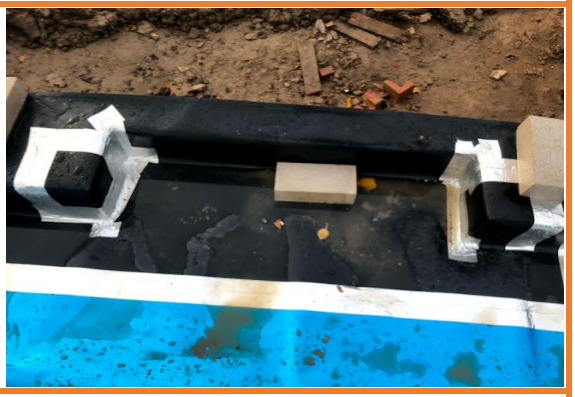


Plot – 28

General Condition of Membrane-Good Condition




Verification of Joints and Seals-Good Condition

Verification of Service Penetrations-Good Condition




Verification of Ventilation-Good Condition




Gas Protection Validation Site Record

10917

Plot No: 28

Inspection date/time:	22/11/18	Inspected by:	J Newell	Photographed:	✓/x

	✓/x	Notes/recommendations
Membrane Type Correct	✓	Visqueen blue membrane
Extent of Coverage Correct	✓	full ground floor
Underside of Membrane	✓	fully insulated
Slab / membrane condition	✓	good
Laps and joints	✓	15cm with double sided and silver tape
Damp-proof course	✓	Double sided tape dry
Service entries	✓	fully sealed with topHats
Folded Membrane Joint Taped & inspected	✓	All folds in same direction and taped.

This Plot has PASSED/FAILED* inspection. (Any proposed remedial works will be noted in the "Remarks" column on this form).

An additional inspection visit IS/IS NOT* required for this Plot.

Inspection by: J Newell Signed: .....

One record sheet to be completed for each plot – To be completed by E3P Professional Inspecting.

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