GAS MEMBRANE VALIDATION

Site: East Tame	
Date: 19-11-2018	Project Number: 10-917
Project Manager: D. Cox	E3P Engineer: T. Preston
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 29** has been installed with gas protection measures in accordance with Amber 1 to an acceptable level of workmanship.

Membrane Specification: Visqueen Gas Membrane (Blue)

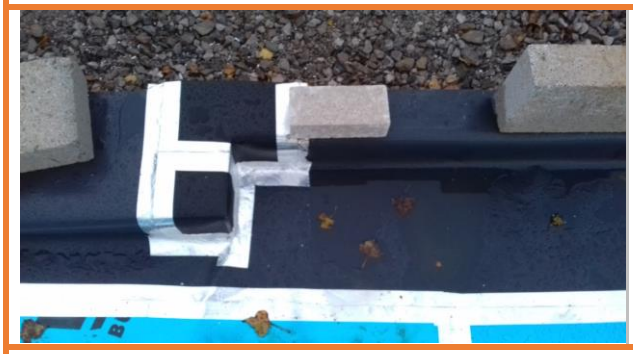


Plot – 29

General Condition of Membrane-Good Condition




Verification of Joints and Seals-Good Condition




Verification of Service Penetrations-Good Condition




Verification of Ventilation-Good Condition




e3p

Gas Protection Validation Site Record

Plot No: 29

Inspection date/time:	18/11/18	Inspected by:	Tom Preston	Photographed:	✓/x ✓

	✓/x	Notes/recommendations
Membrane Type Correct	✓	Blue Visqueen
Extent of Coverage Correct	✓	Fully covers brick
Underside of Membrane	✓	Beam & block
Slab / membrane condition	✓	Good
Laps and joints	✓	Double sided blue tape used throughout
Damp-proof course	✓	Black visqueen
Service entries	✓	Topfits installed to design spec
Folded Membrane Joint Taped & inspected	✓	Double sided used & sealed

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: Tom Preston Signed: Tom Preston

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