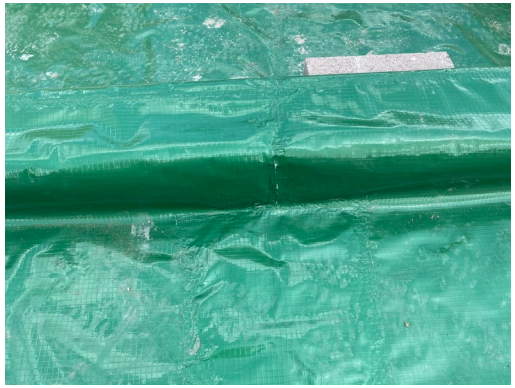
19/06/2024	CASEY – BENMORE RD, BLACKLEY – 24CHE350	PLOTS 15-16

BETTS GEO
CONSULTING ENGINEERS

House Types: 3B5P Type 1
Construction Type: Pile and Ground Beam
Protection Anticipated: CS2

Floor Type	1. Precast beam and Insulation block with minimal service penetrations and passively ventilated sub floor void.
Installation Quality	2. Good level of workmanship in line with good practice to CQA.
Testing Regime 1	3. Independent validation of all plots by Betts Geo Environmental Ltd.
Membrane type	4. ITP Powerbase Multigas 500 https://itpltd.com/wp-content/uploads/Powerbase-Multigas-500-Data-Sheet-R5-4-1.pdf
Extent of Coverage	5. All
Underside of membrane	6. Onto beam and insulation block
Slab/membrane condition	7. Precast beam and insulation block with minimal service penetrations via sealed top hats. Membrane in V good condition.
Laps and joints	8. Very good – 150mm overlap and welded seams.
Damp-proof course	9. Yes.
Service entries and seals	10. Good seals: Top-hats/taped
Cavity inspection (150mm void)	11. On plots 15-16 prior to membrane installation.
Telescopic Air Vents	12. 18 x telescopic air vents installed. 1.2m to 2.0m centres.



Plot has PASSED inspection.
(Any proposed remedial works will be noted in the 'Remarks' column on this form).

An additional inspection visit IS NOT required for this plot.
Qualified Engineer: Marc Fawcett

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Sub Floor Void and Ventilation Details