



Plot 15. Probe testing along perimeter edge hand welded membrane lap joints.



Plot 15. Probe testing along hand welded lap joints.



Plot 34. Overview of the Infill installation using Juta GP1.



Plot 34. Overview of the Infill installation using Juta GP1.



Plot 34. Probe testing along hand welded membrane lap joints.



Plot 34. Probe testing along perimeter edge hand welded lap joints.



Plot 34. Probe testing to pipe penetration details.



Plot 34. Probe testing to installers own CQA patch repairs.



Plot 34. Probe testing to pipe penetration details.



Plot 35. Overview of the Infill installation using Juta GP1.



Plot 35. Overview of the Infill installation using Juta GP1.



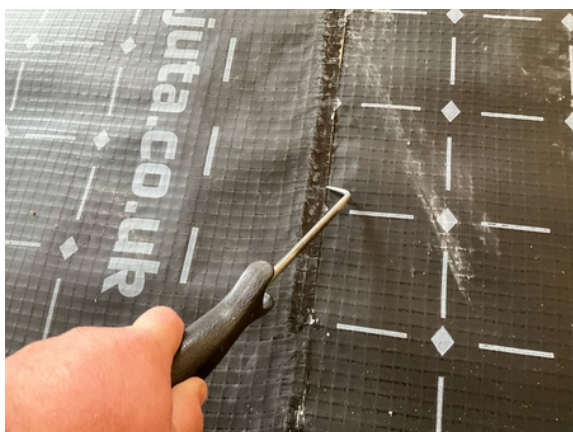
Plot 35. Probe testing along perimeter edge hand welded lap joints.



Plot 35. Probe testing to pipe penetration details.



Plot 35. Probe testing to installers own CQA patch repairs.



Plot 35. Probe testing along hand welded membrane lap joints.

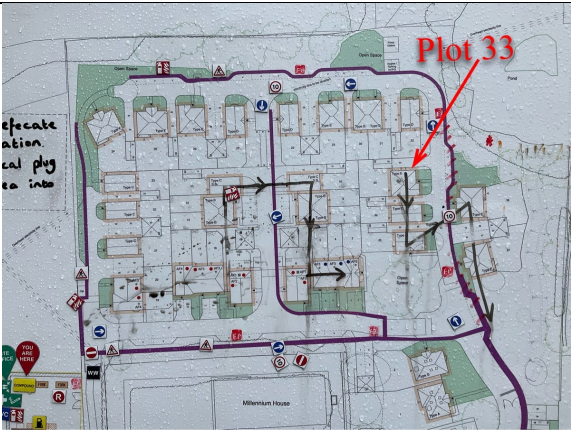


Plot 35. Probe testing to pipe penetration details.

Housebuilder Name: Elivia Homes - The Woodlands			Date: 10/06/2025
Site Name: Reeds Lane, Sayers Common			Weather: 20 °C Dry/Overcast
			Installer: MB Membranes
Postcode: BN6 9JG		Surveyor: James Hall (TGPV)	
Plot Number	Building Type	Extent of Inspection	Result
33	Detached	Infill	Pass
(Section 1, Materials and Method of Seal)			
Gas Membrane Name: Juta GP1 Gas Barrier & Juta GP1 SAM			
Corner Seal Method: Not Applicable			
Service Entry Seal Method: The external of the pipe/ducts have been sealed using strips of self-adhesive gas membrane, this is an approved and recognised method in CIRIA C735			
Annulus to Water Pipe Duct: The annulus of pipe duct has not been sealed at the time of our inspection, this will require sealing to an approved method, this is outside the remit of the result of todays inspection			
Door Threshold Seal Method: Not Applicable			
Cavity Vent Seal Method: Not Applicable			
Material Jointing Method: The membrane has been overlapped sufficiently to achieve a sound joint, the joint is clean and dry and has been joined by means of hand welding with a hot air gun and neoprene roller, the width of the welded joint is a minimum of 30mm.			
Others Please List: N/A			
(Section 2, Testing and Inspection Method)			
Leak/Hole Detection	MEC Environmental Ltd carried out a thorough Visual Inspection to the available area at the time of our inspection		
Joint Testing	The surveyor carried out Probe testing as per the method prescribed in ASTM D4437 to all detailing work, detailing work is defined as any part of the installation that includes a joint in the membrane, this includes but is not limited to pipes/ducts, stanchions, wind posts, braces, field seams, masonry abutments, tanking, door thresholds and the like		
Plot Number	(Section 3, Defects List)		Action Required
33	No Defects recorded at the time of our inspection, however MB Membranes carried out their own CQA patch repairs during the installation. MEC were unable to gather photographic evidence of the materials		N/A

	packaging used (Juta GP1 SAM) during today's inspection.	
	Note: The plots referenced were built on raft foundations and therefore have no air bricks in place.	
Signed: James Hall (TGPV) Date: 10/06/2025		

Plot Overview Photographs



Site plan and where today's inspection took place.



General overview of Plot 33.



Overview of the infill installation using Juta GP1.



Overview of the infill installation using Juta GP1.