



Overview of the Juta GP1 Gas Membrane that has been installed as an infill to plot 13.

Detailing Sample Photographs



The outer brickwork was not in place to all plots noted above at the time of our inspection therefore MEC Environmental we're unable to inspect the membrane spanning the perimeter cavity walls.



Patch repairs in plot 8 that were completed prior to our inspection by mb membranes.



Probe testing a typical pipe penetration detail in plot 8.



Probe testing a typical pipe penetration detail in plot 9.



Overview of a typical hand welded membrane lap in plot 9.



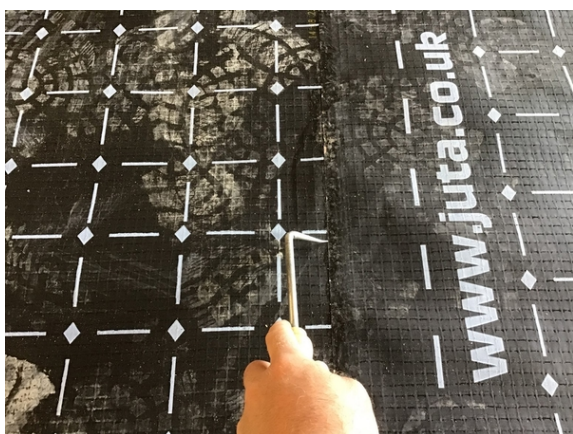
Typical double pipe penetration detailing in plot 10.



Probe testing a typical hand welded membrane lap in plot 10.



Overview of a typical hand welded membrane lap in plot 11.



Probe testing all hand welded membrane laps in plot 11.



Typical hand welded membrane lap in plot 12.



Probe testing all hand welded membrane laps in plot 12.



Probe testing a typical pipe penetration detail in plot 13.



Probe testing all hand welded membrane laps in plot 13.

Housebuilder Name: Elivia Homes - The Woodlands.			Date: 14/04/2025
Site Name: Reeds Lane, Sayers Common.			Weather: 14 °C Dry
			Installer: MB Membranes
Postcode: BN6 9JG.		Surveyor: Adam McDermott (TGPV)	
Plot Number	Building Type	Extent of Inspection	Result
3,4 & 5.	Terrace.	Miscelanoues Repairs (See section 3 Defects section for details of completed repairs	Pass
6 & 7 / 14 & 15.	Detached Maisonette.	Miscelanoues Repairs (See section 3 Defects section for details of completed repairs	Pass
8 & 9 / 11 & 12.	Semi detached.	Miscelanoues Repairs (See section 3 Defects section for details of completed repairs	Pass
10 & 11.	Detached.	Miscelanoues Repairs (See section 3 Defects section for details of completed repairs	Pass
(Section 1, Materials and Method of Seal)			
Gas Membrane Name: Juta GP1 Gas Membrane & Juta GP1 SAM.			
Corner Seal Method: Corners have been sealed using strips of self-adhesive gas membrane, this is an approved and recognised method in CIRIA C735			
Service Entry Seal Method: Not Applicable			
Annulus to Water Pipe Duct: Not Applicable			
Door Threshold Seal Method: Door Thresholds have been sealed using strips of self-adhesive gas membrane, this is an approved and recognised method in CIRIA C735			
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
3,4,5,6,7,8,9,10,11,12,13,14 & 15.	The outer brickwork is now in place and therefore Juta GP1 gas membrane has been extended around the perimeter of the plots noted above and is now spanning the cavity. 1no weld defect was found and repaired to the perimeter of plots 5 & 10. I was unable to obtain any photographic evidence of the Juta GP1 gas membrane & the Juta GP1 SAM during today's inspection, due to no labelling being left on site during our visit.	N/A
Signed: Adam McDermott (TGPV) Date: 14/04/2025		

Plot Overview Photographs

