



Overview of the extended membrane installation to close off the perimeter cavity on plot 36.



Overview of the extended membrane installation to close off the perimeter cavity on plot 36.



A general overview of plot 37.



Overview of the Juta GP1 gas membrane that has been installed as an infill to plot 37.



Overview of the Juta GP1 gas membrane that has been installed as an infill to plot 37.

Detailing Sample Photographs



Probe testing the extended hand welded membrane lap around the perimeter of plot 33.



Corner detailing to plot 33.



Corner detailing to plot 34.



External door threshold detailing to plot 34.



Overview of a typical hand welded membrane lap in plot 36.



Probe testing a hand welded membrane lap in plot 36.



Typical double pipe penetration detailing in plot 36.



Probe testing a typical pipe penetration detail in plot 36.



Typical corner detailing around the perimeter of plot 36.



External door threshold detailing in plot 36.



Probe testing a hand welded membrane lap in plot 37.



Typical double pipe penetration detailing in plot 37.



Pipe penetration detailing in plot 37.



MB Membranes carried out there own CQA repairs prior to our inspection.

Housebuilder Name: Elivia Homes - The Woodlands.			Date: 03/07/2025
Site Name: Reeds Lane, Sayers Common.			Weather: 28 °C Dry
			Installer: MB Membranes
Postcode: BN6 9JG.		Surveyor: Adam McDermott (TGPV)	
Plot Number	Building Type	Extent of Inspection	Result
35 & 37.	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
35 & 37.	1no hole was found on the perimeter membrane on plot 37 and repaired using Juta GP1 SAM by MB Membranes.		N/A

	The remedial works to the perimeter membrane that has closed off the cavity to plots 35 & 37 is now complete. All house plots noted above are built on raft foundations and therefore have no air bricks in place.	
Signed: Adam McDermott (TGPV) Date: 03/07/2025		

Plot Overview Photographs

 Marked up site plan.	 A general overview of plot 35.
 Overview of the extended membrane installation to close off the perimeter cavity on plot 35.	 Overview of the extended membrane installation to close off the perimeter cavity on plot 35.