



Overview of the Juta GP1 Gas Membrane installation to the perimeter and internal walls in maisonette plots 6 & 7.

Detailing Sample Photographs



Typical corner detailing.



Overview of the extended Juta GP1 gas membrane that has been hand welded to the previously installed gas membrane that didn't span the cavity to the fronts of terrace plots 16-18.



Probe testing all hand welded membrane laps.



Probe testing a typical corner detail.



Overview of the extended Juta GP1 gas membrane that has been hand welded to the previously installed gas membrane that didn't span the cavity to the rear of terrace plots 16-18.



Typical corner detailing in plots 6 & 7.



Probe testing a typical pipe penetration detail in plots 6 & 7.



Typical door threshold detail in plots 6 & 7.



Overview of the the Juta GP1 gas membrane installed across the internal masonry brickwork on plots 6 & 7.



Overview of the the Juta GP1 gas membrane installed across the internal masonry brickwork on plots 6 & 7.

Housebuilder Name: Elivia Homes - The Woodlands.		Date: 28/03/2025	
Site Name: Reeds Lane, Sayers Common.		Weather: 15 °C Dry	
		Installer: MB Membranes	
Postcode: BN6 9JG.		Surveyor: Adam McDermott (TGPV)	
Plot Number	Building Type	Extent of Inspection	Result
8 & 9 / 12 & 13.	Semi detached.	Infill	Pass
10 & 11.	Detached	Infill	Pass
(Section 1, Materials and Method of Seal)			
Gas Membrane Name: Juta GP1 Gas Membrane, Premseal GMA.			
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: 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: 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
8,9,10,11,12 & 13.	No Defects recorded at the time of our inspection. Note: the outer brickwork was not in place at the time of our inspection therefore i was unable to obtain any evidence of the air bricks in place.		N/A