



Overview of the extended membrane installation to close off the perimeter cavity on plot 35.



A general overview of plot 37.



Overview of the extended membrane installation to close off the perimeter cavity on plot 37.



Overview of the extended membrane installation to close off the perimeter cavity on plot 37.



Overview of the extended membrane installation to close off the perimeter cavity on plot 37.

## Detailing Sample Photographs



External corner detailing in plot 35.



Probe testing a corner detail in plot 35.



External door threshold detailing in plot 35.



Probe testing a hand welded membrane lap in plot 35.



Corner detailing in plot 37.



Probe testing a hand welded membrane lap in plot 37.



External door threshold detailing in plot 37.



Patch repair using Juta GP1 SAM to the damaged perimeter membrane on plot 37.

| Housebuilder Name: Elivia Homes - The Woodlands.                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                  | Date: 15/08/2025                |                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------|
| Site Name: Reeds Lane, Sayers Common.                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                  | Weather: 22 °C Dry              |                 |
|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                  | Installer: MB Membranes         |                 |
| Postcode: BN6 9JG.                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                  | Surveyor: Adam McDermott (TGPV) |                 |
| Plot Number                                                                                                                                                                                                                                                                  | Building Type                                                                                                                                                                                                                                                                                                                                                    | Extent of Inspection            | Result          |
| 14 & 15.                                                                                                                                                                                                                                                                     | Detached Maisonette.                                                                                                                                                                                                                                                                                                                                             | Infill                          | Pass            |
| 29 & 32.                                                                                                                                                                                                                                                                     | Detached.                                                                                                                                                                                                                                                                                                                                                        | Infill                          | Pass            |
| 30 & 31.                                                                                                                                                                                                                                                                     | Semi detached.                                                                                                                                                                                                                                                                                                                                                   | Infill                          | Pass            |
|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                 |                 |
|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                 |                 |
|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                 |                 |
| <b>(Section 1, Materials and Method of Seal)</b>                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                  |                                 |                 |
| <b>Gas Membrane Name:</b> Juta GP1 Gas Membrane & Juta GP1 SAM.                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                 |                 |
| <b>Corner Seal Method:</b> Corners have been sealed using strips of self-adhesive gas membrane, this is an approved and recognised method in CIRIA C735                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                  |                                 |                 |
| <b>Service Entry Seal Method:</b> 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                                                                                        |                                                                                                                                                                                                                                                                                                                                                                  |                                 |                 |
| <b>Annulus to Water Pipe Duct:</b> 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                                                 |                                                                                                                                                                                                                                                                                                                                                                  |                                 |                 |
| <b>Door Threshold Seal Method:</b> Door Thresholds have been sealed using strips of self-adhesive gas membrane, this is an approved and recognised method in CIRIA C735                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                  |                                 |                 |
| <b>Cavity Vent Seal Method:</b> Not Applicable                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                 |                 |
| <b>Material Jointing Method:</b> 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. |                                                                                                                                                                                                                                                                                                                                                                  |                                 |                 |
| <b>Others Please List:</b> N/A.                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                 |                 |
| <b>(Section 2, Testing and Inspection Method)</b>                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                 |                 |
| <b>Leak/Hole Detection</b>                                                                                                                                                                                                                                                   | MEC Environmental Ltd carried out a thorough Visual Inspection to the available area at the time of our inspection                                                                                                                                                                                                                                               |                                 |                 |
| <b>Joint Testing</b>                                                                                                                                                                                                                                                         | 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 |
| 14,15,29,30,31 & 32.                                                                                                                                                                                                                                                         | No defects recorded at the time of our inspection.<br><br>All house plots noted above are built on raft foundations and therefore have no air bricks in place.                                                                                                                                                                                                   |                                 | N/A             |