

CUSTOMER JOB NO. 105408 - 4666 - Mick Dodd**Project Name** Chorlton Villas - Inert Gas Testing**Customer Details****Name** Crossfield Developmentd Ltd
Address 24 Orme Crescent
Macclesfield SK10 2HS**Site Details****Name** Chorlton Villas
Address**Work Completed****SITE VISIT DATE:**

27/96/2025

VISIT / REPORT NUMBER:

001

INSPECTION & VALIDATION DETAILS:

Completed the planned Inert Gas Testing process to the property and the following summarises the testing process:-

1. Confirmed that there was cross ventilation between the two elevations and using the Anemometer, recorded the air flow which averaged at 1.4 m/secs.
2. Took a fresh air/helium reading which was recorded at 0.000003 cc/secs.
3. Sealed all but one Air Brick before filling the sub-floor void with Helium until saturated. A helium reading was acquired via an opposing air brick to confirm the average levels which were recorded at 0.000410 cc/sec. The equipment was left to idle throughout the testing so as to maintain the helium levels within the cavity.
4. Using the ground floor layout, various locations were determined with a view to testing areas such as the perimeter, pipe penetrations, internal walls, internal walls and the sweeping of the centre of the floor. Each location was tested at both the 'Floor Interface' and at 1.2m above floor interface' taking three readings at 30 secs - 1-00 min - 1-30 mins totalling six readings per location. A total of 25 locations were identified and therefore a total of 150 readings recorded.
5. Other readings were taken as follows:-

Atmospheric Pressure - before and after
Relative Humidity (%)
Air Temperature (outside)
Air Temperature (inside)
Weather conditions

6. It was noted that the highest reading was only 0.000033 cc/secs and the majority between 0.000020 cc/secs and 0.000030 cc/secs which confirmed that in comparison to the average of 0.000410 cc/secs, the installed Alderprufe GRA Ground Gas Membrane is providing the required level of protection against any potential ground gases.



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AREA / GRID LINE / PLOT NUMBER SIGNED

Chorlton Villas - Building Footprint

OUTSTANDING REMEDIATIONS:

N/A

EXPECTED NEXT VISIT DATE:

Handover

Please note this is not a Verification Report

**WHEN REPORT INVOICE HAS BEEN PAID IN FULL THE REPORT WILL BE ISSUED.
ON SETTLEMENT OF FINAL ACCOUNT THE VERIFICATION CERTIFICATE WILL BE ISSUED.**

Customer:

Crossfield Developmentd
Ltd

Print Name

M Daniels

Signature