



THE GSR+ PROGRAM

**THE INDEPENDENT TESTING,
VERIFICATION & MONITORING**

OF

**SYSTEMS PROTECTING AGAINST
RADON GAS INGRESS
INTO NEW CONSTRUCTIONS**

COMPLIANT WITH BRE 211





GEOSHIELD GSR+ RADON GAS PROTECTION

Validation, Verification and Monitoring

DEATHS ATTRIBUTED TO RADON PER YEAR ARE ESTIMATED AT 1100 (SOURCE PHE) ENGLAND & WALES

A major cause of lung cancer in the UK is the invisible odourless gas RADON. Home Builders & Main Contractors need to ensure comprehensive measures have been taken when protecting against RADON gas ingress, to provide evidence of this important activity GeoShield have formulated the GSR+ Quality Assurance Program.

The GSR+ Quality Assurance Program is a comprehensive hand-over document created for house builders and developers to pass to future owners. GSR+ provides new buyers with a historical log of the protection system application, ensures peace of mind and assists in conveyancing.

THE GSR+ COMPRISES:

- **THE RADON PROTECTION DESIGN & VALIDATION**
- **RELEVANT INFORMATION FROM BRE 211**
- **INDEPENDENT VERIFICATION OF THE INSTALLATION**
- **TEST RESULTS OF RADON MONITORING (3 MONTHS TESTING)**
- **GEOSHIELD VALIDATION CERTIFICATE**
- **DESK TOP EVALUATION OF SUB-FLOOR VENTILATION**





THE COMPREHENSIVE GSR+ VERIFICATION PROGRAM IS UN-PARALLELED IN THE NEW BUILD CONSTRUCTION INDUSTRY.

Following BRE 211 'Radon, Guidance on Protective Measures for New Buildings' the GSR+ program provides security & peace of mind when protecting new constructions against the ingress of the life threatening carcinogenic gas Radon.

The GSR+ Program incorporates all the stringent features & benefits required in CIRIA 735 'Good practice on the testing and verification of protection systems' with further security provided from short, medium & long term (where required) in-situ Radon Gas Monitoring.

THE GSR+ COMPRISES:

- £1,000,000 PI INSURANCE
- COMPREHENSIVE KNOWLEDGE OF BRE 211 AND CIRIA 735
- A RISK BASED APPROACH TO THE VERIFICATION PLANNING & REPORTING
- 100% INDEPENDENCE FROM THE INSTALLER AND MANUFACTURER
- ALL TESTING AND RIGS OWNED BY GEO SHIELD
- VARIOUS DEGREES OF RADON MONITORING BASED UPON PROJECT
- PLOT BY PLOT INSTALLATION VERIFICATION
- COMPREHENSIVE HANDOVER PACKAGE

As each project is unique in terms of size, construction type, ground gas protection system and applicator experience it is recommended that a Validation & Verification Program is in place prior to the employment of any specialist application company in order that all risks are correctly assessed.





GEOSHIELD LIMITED

Promote a risk based approach to the application of RADON ground gas protection systems, including the venting and installation of the primary barriers, All in accordance with BRE 211

Independent Verification Programs are now an industry requirement, to learn more call

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GEOSHIELD ON-SITE VERIFICATION 0113 320 8828

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COMPLIANT WITH BRE 211