
Buildings and Structures

Materials and Workmanship

Sandberg are able to offer to clients a comprehensive service of Consultancy, Inspection and Testing for the construction industry. The assurance of quality and suitability of the many varied materials, components and assemblies needed for a major project is achieved by drawing upon the large range of specialist knowledge within our organisation.

The terms of our appointment vary from project to project, we are able to work directly for the Developer, liaising as necessary with all members of the design team. Clients now appoint us as a member of the project team with full responsibility for Materials and Workmanship. This style of appointment allows us, as a member of the project team, to provide the Client with enhanced confidence in the finished quality of his project. The range of services offered is summarised below, from which services can be selected in consultation with a client and his project team to suit each particular project.

Design Stage

- Advice on construction details and materials at design review for suitability and durability.
- Testing of materials for suitability and durability.
- Review and advice on prototype and mock-up test procedures.
- Inspection and certifying of any test mock-up assembly.
- Review and comment on procedures, method statements and quality plans.

Fabrication and Assembly Stage

- Auditing of fabrication and assembly.
- Monitoring of the implementation of quality plans.
- Inspection at works when appropriate.
- Production testing of materials and components as required.

Installation Stage

- Auditing of installation practice.
- Monitoring of the implementation of quality plans.
- Site inspection, testing of materials and assemblies, witnessing or undertaking of site testing.
- Checking and testing of workmanship.
- Advice on resolution of site problems.
- Snagging of completed work.

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Post-Completion Stage

- Review and comment on maintenance and cleaning procedures.
- Advice on cleaning materials and methods, their suitability and effects upon the elements of the building. Investigation of problems and advice upon their resolution.
- The production, review, or comment upon inspection plans to monitor the performance of the completed façade. Inspection and monitoring of the building façade in order to advise on both routine and/or preventative maintenance.
- Collation and updating of an asset register for the building and the estate with advice on potential maintenance/replacement regime. This would involve attendance at design review meetings and close liaison with the design team.

The above list is not exhaustive but demonstrates the comprehensive service available. Our involvement can be at all stages and would be adapted to concentrate on any potential problem.

Sandberg has been involved in many recent major building projects. These projects have enabled our specialists to keep abreast of a wide range of modern cladding developments.

The fields of construction with which we are most commonly involved include:-

Site Investigation including contaminated ground

Foundations

Structural Concrete including Waterproofing

Structural Steelwork including protective treatments

Fire protection

Precast and in-situ concrete

Building Envelope

Curtain Walling

Precast Concrete panels

Stone Facades

Windows

Roofing

Landscaping

Paving

Roadworks

Internal Finishes

Blockwork & Brickwork

Drylining

Platform Floors

Screeds and paving

Stone Cladding

Timber and Joinery

Sandberg staff are experienced in working on projects under all forms of contract, with particular experience of Construction Management. Our total independence has often permitted considerable cost savings combining factual testing on behalf of the contractor with auditing visits for the Client.