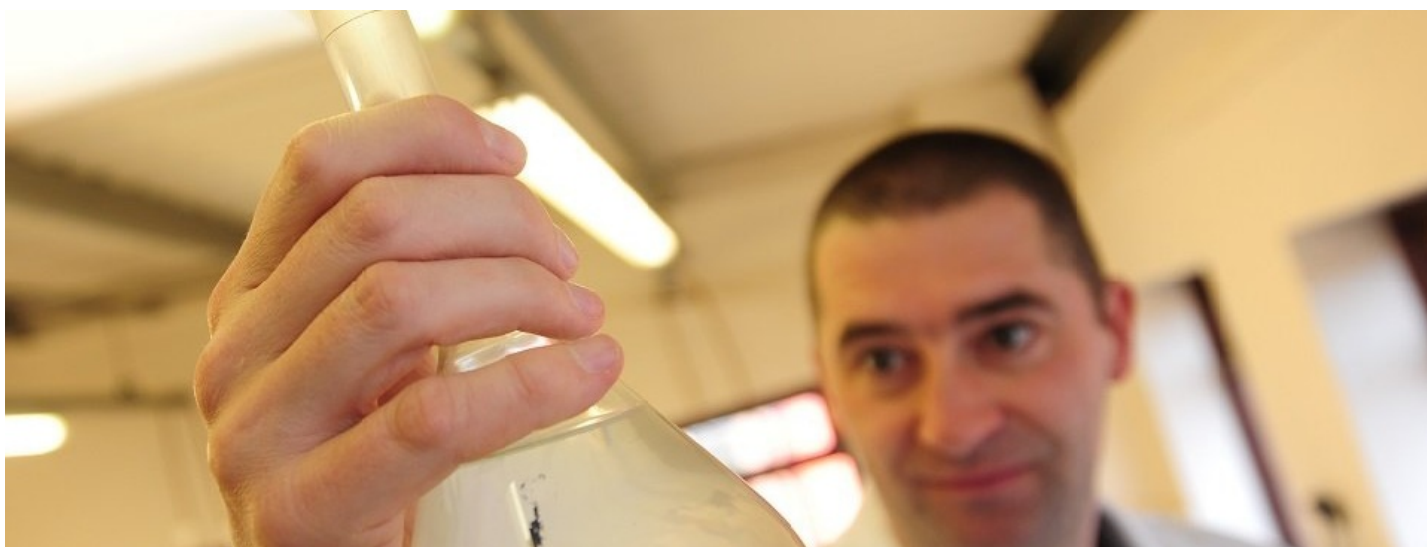


## Building Products Chemical Analysis



**Routinely Kiwa CMT is involved with sampling and on-site investigation relating to construction and development, including contaminated land issues, problems such as sulphate attack and other deleterious reactions, the presence and conditions of H.A.C. concrete, failure of materials ( floor screeds, renders, plasters and cementitious coatings).**

Kiwa CMT Testing is a UKAS accredited testing laboratory (No. 0529) for this [scope of accreditations](#).

This service is used by construction companies, contractors and civil engineers.

Analyses are carried out to the highest quality standards and include:

**Concrete:** Determination of cement, alkali oxide, chloride ion, sulphate and GGBFS content of hardened concrete to BS1881, water/cement ratio, HAC presence, petrographic analysis.

**Mortars, Screeds & Plasters:** Mix proportion analyses of mortars, screeds and plasters, chloride and sulphate content and other chemical analyses to BS 4551.

**Soils & Ground Waters:** Organic matter content, pH value, Sulphate content to BS 1377. Testing and analysis of topsoil to BS 3882.

**Aggregates:** Water soluble chloride salts, Total sulphate, Water soluble sulphate to BS EN 1744-1, Acid soluble material to BS 812.

**Organic contaminants:** Rapid on-site testing of contaminated land providing identification of the location, nature and concentration range of petroleum hydrocarbons, PAHs, PCBs, BTEX etc. This is a valuable aid to effective removal of contaminants during remedial works.

### Building products

#### Kiwa CMT

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