

Concrete Cube Testing



Concrete cube failure costs contractors in the UK a phenomenal amount each year:

Losses caused by delay

- Losses due to penalties imposed by promoters under the terms of the contract
- Cost due to further investigation upon cube test failure
- Costs incurred through the litigation process
- Costs incurred due to the possible removal and replacement of 'defective' concrete.

Our concrete cube testing service is used by large construction companies and contractors through to small local builders.

On-Site Concrete Cube Making

It can be shown that with a large proportion of cube test failures that some deviation from BS EN 12390 has occurred in the on-site sampling, compaction and curing procedures. KCMT offer trained technicians who can be mobilised at short notice, to carry out the on-site sampling (including slump test) and making of concrete test cubes which are cured and tested in strict accordance with BS EN 12390.

Concrete Collection Service

KCMT offer a cube collection service. All collected cubes are stored in water tanks to BS EN 12390 until testing is required.

Air Entrainment Service

KCMT offer a cube collection service. All collected cubes are stored in water tanks to BS EN 12390 until testing is required.

On-Site Mortar Sampling

We provide an independent mortar prism making service. Ready-mix, Silo and Hand-mix mortar can all be sampled for flexural and compressive strength testing on a regular, or one off, basis. KCMT offer trained technicians who can be mobilized at short notice, to carry out the on-site sampling and making of mortar test prisms which are cured and tested in strict accordance with BS EN 1015-11 at our laboratory.

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Testing of Delivered Concrete Cubes

We also offer a curing and testing service for concrete cubes delivered to our Derby Laboratory. Cubes are cured upon receipt and tested in strict accordance with BS EN 12390 at the ages required by the client.

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