

Cast in-situ concrete – Collaborative working for zero defects – good practice guidance for procurement, design and construction



Photo: Courtesy of Kieran Tully

CIRIA will be starting a research project for zero defects in cast in-situ concrete this September. This is based on the findings from the **Get It Right Initiative** research, which found that cast in-situ concrete has the greatest frequency of error and greatest financial impact. **The Get It Right Initiative** has provided CIRIA with a letter of support.

Defects are a constant irritation to the industry, are costly to fix, lead to delays and undermine industry initiatives to improve performance and productivity. To find out more get in touch with kieran.tully@ciria.org who is leading this project or [visit our website for full project details](#).

As we see above the construction industry has the skills and capability to adapt to new designs and new approaches to deliver iconic buildings. Why can't we get it right all the time?

There is no single root cause and therefore no single solution. Getting to zero defects and right first time requires consideration at all stages, from client specifications through to acceptance on completion. It also requires the client and supply chain to work collaboratively to achieve this outcome.

The guidance will cover the common problems encountered, the mechanisms that lead to poor outcomes and how zero defects can be achieved. It is intended that this guidance will help improve current practices and facilitate change. Case studies will provide the evidence base for good practice. The project outcomes are to enable those with a role in procurement, design and construction to better understand their role in reducing defect risk.

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