

Award-winning paper in 2011

Papers published in *Construction Materials* are eligible for awards from the Institution of Civil Engineers. Papers from any of the ICE journals can be nominated for several awards. In addition, each journal has awards dedicated to their specific subject area.

On Friday 12 October 2012, ICE president Richard Coackley presented an award to the following paper published in *Construction Materials* in 2011. The editorial panel nominated their best papers and an awards committee chaired by Barry Clarke allocated the awards.

Howard Medal

The Howard Medal, awarded for the best paper on any of the uses or properties of iron, steel or material development, was awarded to Livesey (2011).

Abstract

This paper traces the development of lime as a building material, from ancient times to classical Roman technology, its loss in the Dark Ages, its restoration in the technical revolution until superseded by cement and its re-emergence in recent times. It follows the developing product with evolving production technology and its classification with increased understanding of materials science. The modern understanding of microstructure is used to explain the benefits of porosity and plasticity, and examples are given of mixes for exposure conditions. The environmental benefits are compared with those of alternative binders.

REFERENCE

Livesey P (2010) Building limes in the United Kingdom. *Proceedings of the Institution of Civil Engineers – Construction Materials* **164**(1): 13–20, <http://dx.doi.org/10.1680/coma.9.00053>.