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**30-PLOT SELF-BUILD SITE PLANNED FOR HERTFORDSHIRE**  
Developer Lansdown has announced plans for a new self-build site in Harpenden, Hertfordshire. Cross Lane Fields will comprise up to 30 bespoke homes, on 17 acres of green belt land. Buyers will be able to create their own custom property, to a set of predetermined design parameters. Plots of different sizes and prices will be available and 40% will be affordable. Every property will be built to Passivhaus standards of energy efficiency. Interested parties can complete a short online survey: [survey.monkey.co.uk/r/TQ8FV99](https://survey.monkey.co.uk/r/TQ8FV99)

## Cement-free concrete launches in the UK

**A** cement-free alternative for making concrete and mortar has been launched in the UK for environmentally conscious builders, self-builders and DIYers.

It is hoped that it could potentially solve the problem of embodied carbon in the building industry, a major focus for those trying to lower carbon emissions.

Right now, it's estimated that if the cement industry were a country, it would be the third largest carbon dioxide emitter after China and the United States.

Cemfree is claimed to be a low-carbon

alternative to Portland cement (OPC) – concrete's most carbon-expensive material.

OPC is the most common type of cement in general use around the world. It is usually made from limestone and was developed from other types of hydraulic lime in England in the early 19th century by Joseph Aspdin.

Cemfree instead uses an alkali-activated cementitious material (AACM) created from a range of materials (usually industrial by-products), known as precursors, which are added to an alkaline medium to produce a cementitious material.

**46%** of potential house buyers would prefer to buy a home with good insulation rather than a larger garden\*

## THREE STYLISH RADIATORS



The Window Electric from The Radiator Centre is sleek and compact but quickly transforms into a towel rail. Available in over 80 shades and finishes, from £2,514.



The Athens Anthracite Traditional 3 Column Radiator from Bathroom Mountain blends modern engineering with classic design and is compatible with all UK heating systems. £159.99.



The striking Modern Design Steel Wall Electric Radiator from Viadurini is more like a piece of art. Stylish and practical, it comes in seven colours and finishes. From £3,439.

PHOTO: JAMES WILSON