

Applications & Innovations

July 2019

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- Interlocking precast crypts maximise land use.
- Red precast skin provides striking finish.
- A puzzling GRC theatre design.

Innovations

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- Using robots for rebar assembly.
- Could buildings be evolved instead of designed?

Applications

Interlocking precast crypts maximise land use.

A crypt system with burial plots set closer than traditional burials will extend the life of the Mersey Vale Cemetery.

[Read more](#)





Red precast skin provides striking finish.

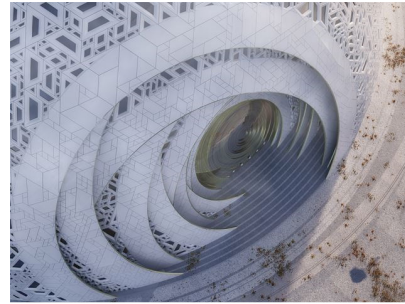
Inspired by the Spanish Missions found throughout Mexico, Sir David Adjaye's Ruby City Art Gallery's exterior skin consists of precast concrete which has been imbued with a red colouring.

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A Puzzling GRC theatre design.

A 2000-seat domed theatre that resembles an intricate ivory puzzle ball has been designed by Steven Chilton Architects for Guangzhou, China.

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Innovations

Redefining factory waste.

Is your company sending tons of waste material to the landfill each year? This practice could be doing some serious damage to your bottom line – not to mention the planet. There are many innovative ways you can reduce waste and save money!

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The 2019 World of Concrete most innovative products awards.

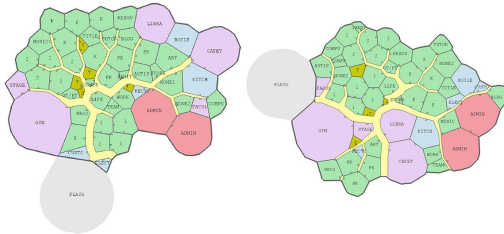
Winners are selected by a panel of industry experts and are chosen based on the innovation they bring to the industry.

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Using robots for rebar assembly.

Two Brooklyn-based construction entrepreneurs began their business with a simple observation: steel rebar isn't always easy to work with.

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Could buildings be evolved instead of designed?

Artist/designer Joel Simon uses a complex mapping processes to evolve different floor plans, drawing upon algorithms inspired by biology and neural networks.

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