

CONSTRUCTION MAGAZINE

End of Year Review **2015**

Defence Secretary Michael Fallon has announced that the Ministry of Defence (MOD) will spend **£800M** on boosting innovation over next ten years.

Londoneast-uk and **Barking & Dagenham College** announce collaboration for students' construction industry training programme

Turner & Townsend appointed technical advisor for two major construction projects in the Netherlands

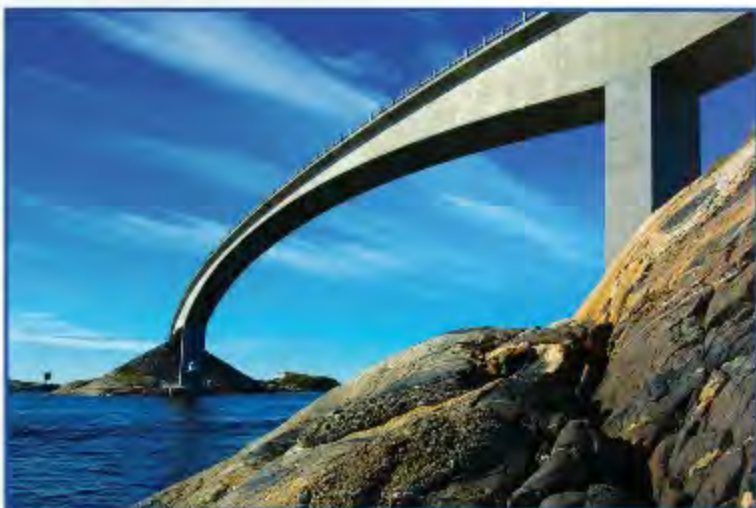
Extend the Service Life of Concrete Structures to a Maximum With Powerful **MCI®- 2020 Organic Corrosion Inhibitor!**

Kevin McCloud's Bristol-based **HAB Housing** commits to Energy Positive homes in industry-leading stance ahead of crucial climate talks

Extend the Service Life of Concrete Structures to a Maximum With Powerful MCI®- 2020 Organic Corrosion Inhibitor!

MCI®2020 is organic, surface applied, migrating corrosion inhibitor designed to penetrate through cementitious materials including concrete, mortar, and limestone. It migrates in both liquid and vapor (gas) phases through the pore structure, forming a protective, molecular layer on embedded reinforcement and allowing vapor diffusion. MCI®2020 provides strong corrosion protection against carbonation, chlorides, and other contaminants and will migrate independent of orientation (horizontal, vertical or overhead up to 8 cm (3 inches) in 30 days.

Water based, non-flammable MCI® 2020 offers engineers, owners, contractors, DOTs, and other government agencies a time proven, corrosion inhibiting technology that will significantly extend the service life of their reinforced concrete structures. MCI® 2020 can be applied to new concrete or used for rehabilitation and will not delay construction or increase costs. Unlike standard inorganic inhibitors it does not have to come in contact with the reinforcing steel upon application. MCI®2020 is considered ambidextrous (mixed) which means



“Water based, non-flammable MCI® 2020 offers engineers, owners, contractors, DOTs, and other government agencies a time proven, corrosion inhibiting technology that will significantly extend the service life of their reinforced concrete structures.”

MCI® 2020 was chosen for renovation of Pentagon and has won International Concrete Repair Institute Award for the best repair project.

Corrosion of embedded reinforcing steel was causing spalling on the walls of Pentagon. Carbonation on the walls lowered the pH of the concrete causing the corrosion. The requirements included: a minimum 20 year design life, stop water absorption, reduce or stop corrosion, and maintain the appearance of the walls. The repair program consisted of 18600 m² (200,000 ft²) of surface hand patch repair and over 92903 m² (1,000,000 ft²) treated with MCI® 2020 W/O, and a silicate based coating.



MCI® 2020 W/O was chosen to protect and repair the walls based on its warranty and its fulfillment of the other specified repair design requirements. MCI® 2020 enabled Pentagon building premium repair, rehabilitation, and protection for the next 50 years.

it protects both anodic and cathodic areas within a corrosion cell. It contains a synergistic blend of amino-alcohols and salts of carboxylic acids which form a protective layer on embedded reinforcement delaying the onset of corrosion as well as reducing existing corrosion rates.

MCI®2020 is recommended for: preventative maintenance of existing reinforced, precast, prestressed, post-tensioned, or marine concrete structures, bridges, highways, and industrial floors exposed to aggressive environments (chemicals, deicing salts, carbonation, atmospheric attack), parking garages, concrete piers, dams, offshore platforms, piles, pillars, pipes, utility poles, cooling towers and concrete potable water structures. It is also an important component of CorTec's High Performance Repair System™ (HPRS®).

MCI® 2020 is easily applied by spray, brush, or roller and does not etch, stain, discolor, or otherwise harm glass, metals, or automotive paint. It does not contain calcium nitrite or wax and no removal of sound concrete is required. Its excellent performance is proven in both lab and field testing.

MCI® 2020 conforms to ASTM G 109, ASTM E 96, meets ANSI/NSF Standard 61 Approval for structures containing potable water and is RoHS compliant.

01843 598634

General Enquiries – info@constructionmaguk.co.uk

Editor

Maria Still – editor@constructionmaguk.co.uk

Editorial Assistant

Lauren Moore – editorial@constructionmaguk.co.uk

Features Editor

Richard Laphorn – richard@constructionmaguk.co.uk

Production/Design

Matthew Ryan – matthew@constructionmaguk.co.uk

Sales Manager

Chris Lewry – chris@constructionmaguk.co.uk

Sales Executive

Sophie Evans – sophie@constructionmaguk.co.uk

Accounts

Janet Balcomb – accounts@constructionmaguk.co.uk

Circulation Manager

Jake York – subs@constructionmaguk.co.uk

Extend the Service Life of Concrete Structures to a Maximum With Powerful MCI®-2020 Organic Corrosion Inhibitor!

MCI®-2020 is a powerful, chlorine-free, long-lasting corrosion inhibitor designed to penetrate through the surface and seal existing concrete, steel reinforcement, and embedded steel reinforcement. It is a high-strength, high-strength, high-strength, high-strength...



Water-based, non-chlorinated MCI®-2020 offers an excellent, chlorine-free, long-lasting corrosion inhibitor. It is a high-strength, high-strength, high-strength, high-strength...

MCI®-2020 was chosen for Renovation of Pentagon and has won International Concrete Repair Institute Award for the best repair project.

A renovation of the building that sheltered the world's leading experts on the needs of the global construction industry was made possible by MCI®-2020. The building was a multi-story, multi-story, multi-story, multi-story...



MCI®-2020 is a powerful, chlorine-free, long-lasting corrosion inhibitor. It is a high-strength, high-strength, high-strength, high-strength...

News Stories

Chancellor's contractor cash grab will cost UK £16.6bn, warns Danbro

As Chancellor Boris Johnson's government looks to boost the construction sector, a new report warns that a cash grab by contractors will cost the UK £16.6bn.

The report, issued by Danbro, warns that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

News Stories

Defence Secretary Michael Fallon has announced that the Ministry of Defence (MOD) will spend £800m on boosting innovation over next ten years.

The Ministry of Defence has announced that it will spend £800m on boosting innovation over the next ten years.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.



Defence Secretary Michael Fallon has announced that the Ministry of Defence (MOD) will spend £800m on boosting innovation over next ten years.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.

The report says that the industry's cash grab will cost the UK £16.6bn. It says that the industry's cash grab will cost the UK £16.6bn.