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 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 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 blast patch repair and over 92903 m2 (1,000,000 ft²) treated with MCI® 2020 V/O, and a silicate based coating.

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

MCI®2020 V/O 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 nitrate or wax and no removal of sound concrete is required. It’s 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.
Chancellor’s contractor cash grab will cost UK £16.6bn, warns Danbro

As Theresa May finalises details of her Chancellor’s public sector cash grab, Danbro is warning that contractors are being exploited and are likely to demand huge “cancelling out” payments from public sector entities. The Chancellor has already announced that the orthopaedic service will be privatised, creating a potential £16.6bn windfall for private contractors who invest in the new orthopaedic hospitals.

“Such a strategy is short-sighted and will increase the cost to the public sector,” said Danbro’s CEO, Mr. Johnson. “The Chancellor’s decision to privatise the orthopaedic service is a clear example of how our public sector is being exploited. Contractors are being forced to compete on a unfair basis, which is forcing them to demand huge ‘cancelling out’ payments from public sector entities.

“We are seeing a worrying trend where public sector entities are being forced to pay huge compensation to private contractors for the use of their facilities. This is not only unfair, but it is also contributing to the growing cost of public sector projects.

“It is essential that our public sector entities stand up for themselves and demand fair compensation for the use of their facilities. The Chancellor should consider the long-term implications of his decisions and work towards a more equitable approach.

Danbro is calling on the government to consider the long-term implications of their decisions and to work towards a more equitable approach. The Chancellor should consider the long-term implications of his decisions and to work towards a more equitable approach.