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**Attention: Editor**  
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**PRESS RELEASE**



## **Cortec® Names MCI® CorShield® Brand as Go-To for Exposed Rebar Protection**

Today, Cortec® Corporation is announcing that its MCI® Coating for Rebar NT will be available under the MCI® CorShield® name. Cortec® is consolidating these equivalent products under one name for clearer identification of go-to corrosion protection of steel reinforcement exposed to the elements.

Any delayed construction project should

immediately consider MCI® CorShield® as an economical and convenient solution for keeping rebar in good condition while waiting for the project to continue.



MCI® CorShield® is a water-based coating that can be applied by spray, brush, roll, or dip. It dries to a clear, soft, non-tacky film that eventually hardens and provides 6-24 months of unsheltered, outdoor protection. MCI® CorShield® also shows good adhesion to concrete according to ASTM A944-99. Evaluation by American Engineering Testing, Inc. (AET), found exceptionally good bond strength confirming that MCI®

CorShield® does not have to be removed prior to embedding in concrete (see Table 1). This advantage makes it incredibly easy to streamline corrosion protection into the construction process.

**Table 1. Bond Strength of Steel Reinforcing Bars to Concrete (ASTM A944-99)**

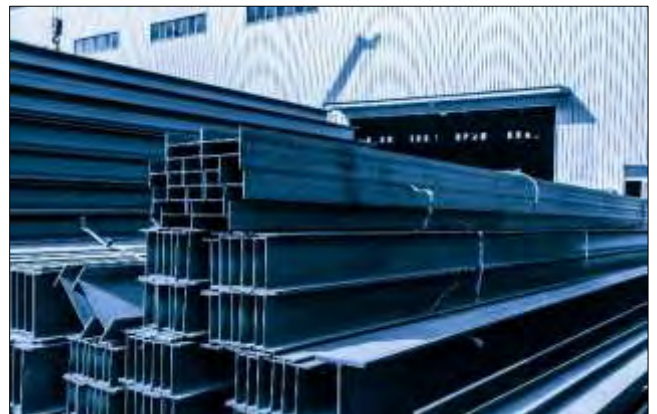
Applied Load, in pounds (kg)	Loaded End Elongation, in inches (mm)	
	Control*	MCI® CorShield*
2,800 (1,270)	0.053 (1.35)	0.050 (1.27)
7,300 (3,311)	0.090 (2.29)	0.091 (2.31)
10,400 (4,717)	0.220 (5.59)	0.134 (3.40)
15,000 (6,804)	0.293 (7.44)	0.171 (4.34)
20,900 (9,480)	0.319 (8.10)	0.214 (5.44)

*\*Mean average of three trials, according to AET test report #05-01412.*

MCI® CorShield® is the obvious choice for corrosion protection of exposed steel in practically any stage of construction, such as:

- Rebar, wire mesh, or steel beams in outdoor storage
- Rebar, wire mesh, or steel beams in transit
- Rebar, wire mesh, or steel beams in place and awaiting the concrete pour

MCI® CorShield® is not only a wise choice for construction following a normal timetable, but also a good standby for seemingly unavoidable project delays. Rather than complicate the construction process, MCI® CorShield® helps workers adapt more easily to changing schedules as it can effectively protect rebar for an extended period of time without compromising the bond adhesion to concrete.



MCI® CorShield® has shown good results in real life applications. One example would be protection of the rebar skeleton in a 518.4 cubic meters (678.08 yd³) platform for an airport control tower platform in Spain in 2009. One hundred fifty-two liters (40.15 gal.) of MCI® CorShield® were applied to the large network of

corrugated steel reinforcing bars prior to the concrete pour that took place in the days following to provide both short- and long-term corrosion protection.



In another example, construction began on a new hospital in Dubai in 2007. An economic crisis in the region hit in 2008, and construction of the hospital was delayed. Knowing how corrosive the environment could be with airborne chlorides, high humidity, and high temperatures, the contractor began looking for a way to protect steel reinforcement that would remain exposed on the jobsite for an indefinite period of time. MCI® CorShield® was selected as the best option and applied in June 2009. Two years later, the steel was inspected and found to remain in its original condition, ready for construction to resume from where it was left off.

MCI® CorShield® is a simple and effective solution that makes it easier to deal with construction delays. Rather than allowing rebar or other structural steel components to rust onsite or during transit, MCI® CorShield® can be applied to keep them in good condition while awaiting use on the project, even if delays are incurred. Learn more about MCI® CorShield® here:

<https://www.cortecmci.com/product/mci-corshield/>.



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