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Attention: New Product Editor

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NEW PRODUCT RELEASE

New, Single Component Repair Mortar With MCI® Corrosion Inhibition

Cortec® MCI® –2311 Repair Mortar offers a single component, cement-based mortar for structurally repairing deteriorated concrete. Made specially for horizontal surfaces, the mortar is designed for repairs from 1/2” to 4” and can be extended for use at greater depths. Its formulation features low shrinkage, delamination, and corrosion inhibition for wire mesh and rebar.

The one component mortar comes ready for use. There are no extra activator components to add or chemical jugs to dispose. Just add clean water and mix. It can then be used for patching or overlay. Its medium slump floats and consolidates easily. The repair mortar allows an early recoat so that coatings can be applied 72 hours after application.

Unlike conventional repair mortars, MCI® –2311 offers low shrinkage. It provides a stable bond line that resists perimeter cracking. To further enhance this capability, the product is thermally compatible with concrete to minimize delamination due to temperature changes. By incorporating Cortec® Patented MCI® Technology, repaired surfaces offer effective corrosion inhibition to metal reinforcement.

A common cause of mortar and concrete deterioration comes from corrosion induced by carbonation, chloride and atmospheric attack. When the corrosive elements reach the reinforcing metal in the concrete, they begin a rusting process that eventually leads to concrete spalling.



The Cortec® MCI® Migratory Corrosion Inhibition Technology seeks out and forms a corrosion inhibiting protective layer on underlying wire mesh and rebar. The MCI® migrates to adjacent areas to protect metals around the repair area. It provides a protective halo effect surrounding the repair area extending the life of the concrete.



Photos: High-resolution photo of Cortec® MCI® –2311 Repair Mortar available for download at: <http://www.blueleopard.net/cortecdownload/2311>

Company Description: Cortec® Corporation, a pioneer in environmentally friendly packaging, metalworking, cleaning, water treatment and metal protection technologies, is located in White Bear Lake, Minnesota. ISO 9001 and 14001 Certified, they manufacture over 300 products in five plants located in Minnesota and Wisconsin. Cortec is a global supplier of innovative and environmentally friendly specialty chemicals, plastics and coated papers.

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