

PRODUCT SPOTLIGHT

Cortec® Corporation's MCI®-2018 Sealer Protects Against Harmful Effects of Corrosion.



In the spotlight this week is Cortec's patented MCI®-2018 Sealer; a 100% silane based concrete sealer containing Migrating Corrosion Inhibitors (MCI®) that allows deep penetration into concrete and provides water repellency by chemically reacting with the cementitious substrate. MCI®-2018 seals surface pores, which prevents intrusion of chlorides, reduces carbonation, and protects from the ingress of wind-driven rain. Treated concrete surfaces are fully breathable and their natural moisture-vapor transmission is not affected.



MCI®-2018's unique feature is the addition of MCI® molecules that can penetrate into concrete forming a protective monomolecular, corrosion-inhibiting layer on the steel, which inhibits the electrochemical corrosion process between the rebar and the chloride ions, oxygen, and moisture in the concrete. MCI®-2018 Sealer protects against the harmful effects of corrosion, even in the densest concrete, thus extending the service life of your structures.

Advantages:

- Extends the life of all reinforced concrete structures such as commercial buildings, parking decks, garages, and bridge structures.
- Easily applied by spray, roller, or squeegee; lowering the cost of labor and equipment.
- Protects against harmful effects of corrosion
- Enhances durability of reinforced concrete and increases surface abrasion resistance.
- Blocks carbonation and chloride ion intrusion
- No blushing, peeling, or yellowing
- Helps protect against alkali attack



Please contact Cortec® for more information on MCI®-2018 Sealer or any of our other corrosion combatting technologies.

Cortec® Corporation is a world leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for the Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001 & ISO 14001:2004 Certified.



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Environmentally Safe VpCI®/MCI® Technologies