

SURTREAT SOLUTIONS FOR ECONOMICAL CONCRETE RESTORATION



SURTREAT® is a Migratory Corrosion Inhibitor that will stop corrosion damage to concrete and reduce future maintenance cost. Surtreat is a solution of water-soluble proprietary compounds plus activators and migratory aids. It is applied to the surface of hardened, reinforced concrete and will:

- **Inhibit rebar or mesh corrosion.**
- **Converts corrosion to an inert compound.**
- **Increase compressive and tensile strength.**
- **Seal the surface and reduce porosity.**

SURTREAT® is a very economical and environmentally responsible solution for the restoration of damaged concrete. Most concrete damage occurs when water penetrates the micro cracks and pores in concrete resulting in rebar or mesh corrosion. Rebar expands when corroding, creating outward force resulting in spalling, which exposes the steel and accelerates the process.

CONCRETE RESTORATION PROJECT



2000-BEFORE

- All loose material was removed with an electric chipper.
- Spalled areas were squared off.
- Exposed steel was cleaned with a wire brush or a wire wheel.
- The exposed steel and concrete were primed with Surtreat's TPS II.
- Then Surcoat, a bonding agent was applied and the concrete was patched with a mix closely approximating the original concrete mix design.
- Then Surtreat TPS II, a migratory corrosion inhibitor, can be applied by mop, brush, or roller.
- Several coats are applied until the surface is saturated and the Surtreat ponds.



2000-AFTER

- Elevating and maintaining the pH level thus protecting and enhancing the passivating layer on the steel rebar. Then, converting rust on the rebar to a hard, protective, inert compound.
- Purging and stabilizing contaminants- increases chemical resistance to acid formation.
- Significantly reducing porosity and the related water penetration.
- Increasing hardness, durability and compressive, tensile, and flexural strength.

Get in touch to learn more

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**QUESTIONS?
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WEBSITE TO
LEARN MORE!**

