

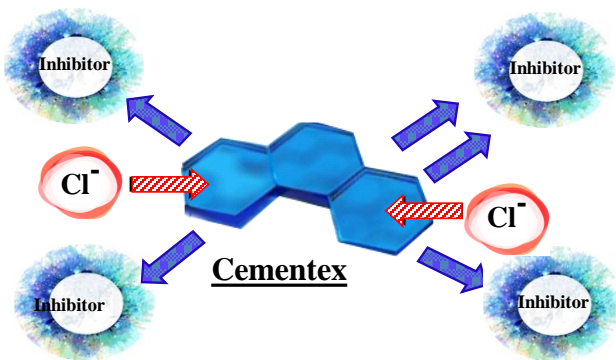


Cementex Corrosion Inhibitor Paste is designed to provide long term effective corrosion control to the rebar in repaired areas, which cannot be achieved by conventional patch repair.

When chlorides reach to the rebar covering with Cementex Corrosion Inhibitor, it not only releases corrosion inhibitor but also absorbs chlorides. Therefore, the corrosion inhibitor can effectively control the rebar corrosion.

Features

- The chloride binder compound releases nitrite ions exhibits excellent corrosion control mechanism compared with other inhibitor paste.
- Protect the rebar from corrosion by binding chlorides into Inhibitor Paste and releases corrosion control chemicals.
- Prevent chloride diffusion from the surrounding chloride contaminated concrete.
- Works also as a bonding agent for the repair concrete patch (1.5 N/mm² in 60 minutes).
- Simple application.
- Can be applied horizontal, vertical, and overhead.



Procedure

1. Add 2.8 to 3.2 liters of fresh water, depending on the temperature and supplication method.
2. Stir using an electrical agitator for at least 3 minutes until the viscosity increases.
3. One bag (10 kg) covers approximately 12 to 13 m².



1. Remove damaged concrete



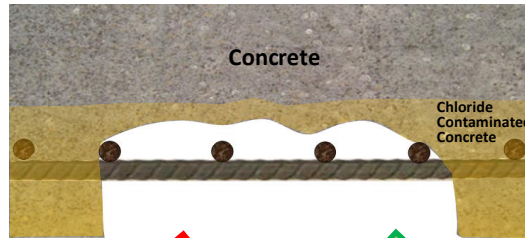
2. Apply Cementex Inhibitor Paste by brush or spray.



3. Patch with Repair Mortar.

Comparison of Repair Conditions

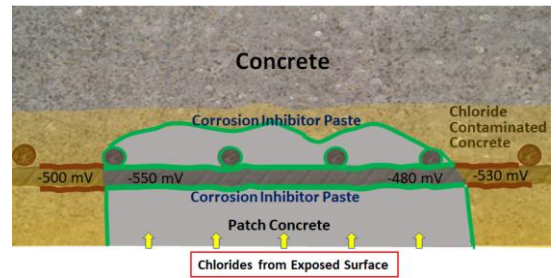
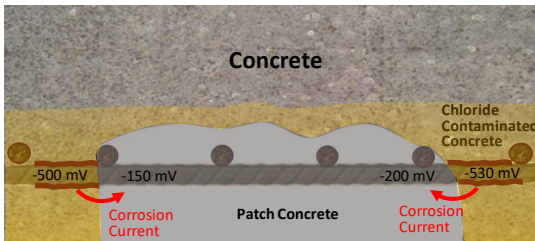
Removal of Damaged Concrete



Repair with conventional Corrosion Inhibitor Paste → **Short repair life**

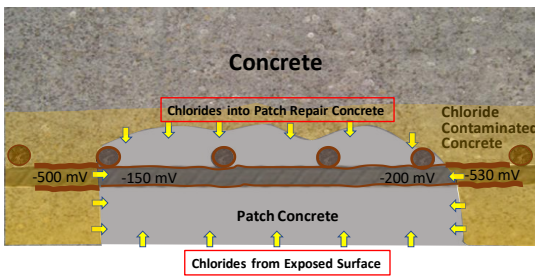
Repair with Cementex Corrosion Inhibitor Paste → **Long repair life**

Problem 1: Macro-Cell Corrosion

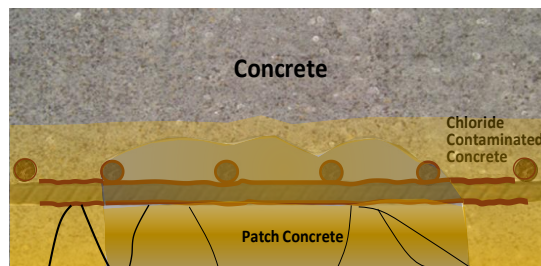


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Problem 2: Chlorides from Outside Patch

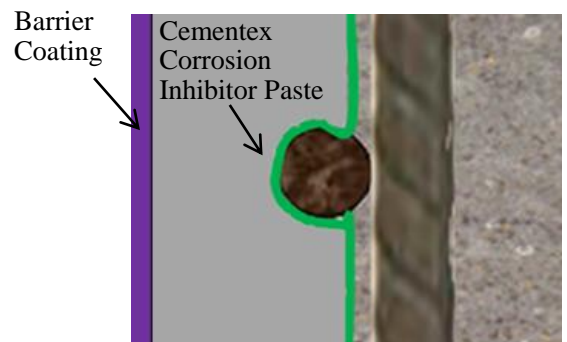


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Damage repaired concrete in several years

Partial Depth Concrete Repair



When the chloride concentration at rebar depth is less than 5 kg/m³, partial depth concrete repair with Cementex Corrosion Inhibitor Paste is effective.