

CONCRETE PRESERVATION MATERIALS



SW-Power

SW-Power is a multi-phase, inorganic, surface applied corrosion inhibitor for use on hardened concrete. It is designed to protect reinforcing steel in concrete from corrosion on multiple fronts by penetrating the concrete surface and migrating to the steel. SW-Power forms a passivating film on the steel surface which provides protection from the corrosion process thereby extending the service life of the structure. SW-Power functions on multiple fronts to deliver superior performance. In addition to creating a passivating film on the surface of the embedded reinforcement SW-Power inhibits and prevents corrosion by increasing electrical resistance, complexing and removing water-soluble chlorides, re-alkalizing areas of carbonation, stopping water penetration and diffusion. In addition, SW-Power has been shown to improve the strength of substrates.

SW-Prevent

SW-Prevent is an organic, surface applied anodic and cathodic sites corrosion inhibitor for use on hardened concrete. It is designed to protect reinforcing steel in concrete from corrosion by penetrating the concrete surface and migrating, in liquid and vapor form, to the reinforcing steel. SW-Prevent forms a passivating film on the steel surface which provides protection from the corrosion process, thereby extending the service life of the structure. SW-Prevent is a vapor-phase corrosion inhibitor (VCI) for concrete. It penetrates easily as gas and affects steel properties at both the anodic and cathodic sites. Due to high penetrative ability, minimal or no surface removal is required for the SW-Prevent to be highly effective at the rebar depth. SW-Prevent is especially effective in areas of corrosion "hot spots" and instances of chloride induced corrosion. For maximum protection SW-Prevent is recommended for use in combination with SW-Power.

SW-Protect

SW-Protect is a ready to use mixture of silane and siloxane water repellents (that provide complete protection against water intrusion) and further improves the performance of SW-Power and SW-Prevent to resist water penetration and inhibit corrosion. SW-Protect is UV resistant, cannot be peeled or scratched off, VOC compliant, breathable, and easy to apply. Its performance has been laboratory tested and proven in the field to provide superior protection against atmospheric pollutants, waterborne pollutants, mold, and mildew formation, etc.



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