Infrastructure systems across North America and beyond are in desperate need of repair and replacement. From highways, bridges and tunnels, to locks/dams, airports and seaports, to culverts and wastewater treatment facilities – the main challenge is how to protect new and old concrete in order to increase the sustainability of these structures.

Upon application, SCP forms a gel within the concrete capillaries and pores. SCP technology helps prevent embedded steel corrosion and provides a wide range of concrete protection features such as densification, strengthening and surface hardening, and resistance to salt, chemical and environmental attack for the life of the concrete. This provides a proven solution to infrastructure concrete issues.

When applied after concrete is placed, SCP technology penetrates accessible capillaries and pores. Our technology chemically stabilizes concrete and acts as a pore-blocker. It can be used at time-of-placement or as a remedial treatment.

SCP technology has been used on sidewalks, pedestrian bridges, roads, bridges and ramps, as well as airport facilities and pavements.

SCP Technology Benefits:

- Waterproofs
- Deters development of corrosion conditions
- Works on new & old concrete
- Enhances long term durability
- Withstands hydrostatic pressure
- Enables minimum downtime
- Can access treated concrete in as little as 1-hour after application
- Fast, safe & clean, with zero VOC content
### Market Segments
- Concrete Floors or Under Flooring
- Transportation Infrastructure
- Coastal & Port Infrastructure
- Industrial Infrastructure
- Commercial Infrastructure
- Tunnels, Subways, & Containment Vessels

### Architectural / Structural Applications
- Bridges
- Buildings
- Containment Vessels
- Dams
- Floors & Slabs
- Pavements
- Ports
- Retaining Walls
- Tunnels

### Specialty Applications
- High-Performance Concrete
- Paver Systems
- Pervious Concrete
- Polished Concrete
- Precast Elements
- Roller-Compacted Concrete
- Shotcrete

### SCP Technology Features
- Abrasion Resistance
- Alkali-Aggregate Reaction Resistance
- Carbonation/Dusting Protection
- Chemical Attack Resistance
- Chloride Protection
- Concrete Contaminant Purge & Seal
- Concrete Curing Enhancement
- Concrete Matrix Rejuvenation
- Deicing Chemical Protection
- Deters Development of Corrosion Conditions
- Efflorescence Prevention
- Freeze-Thaw Protection
- Reinforcing Steel Protection
- Surface Densification & Hardening
- Waterproofing