



Market Segments

- Coastal & Port Infrastructure
- Commercial Infrastructure
- Concrete Floors or Under Flooring Systems
- Industrial Infrastructure
- Transportation 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

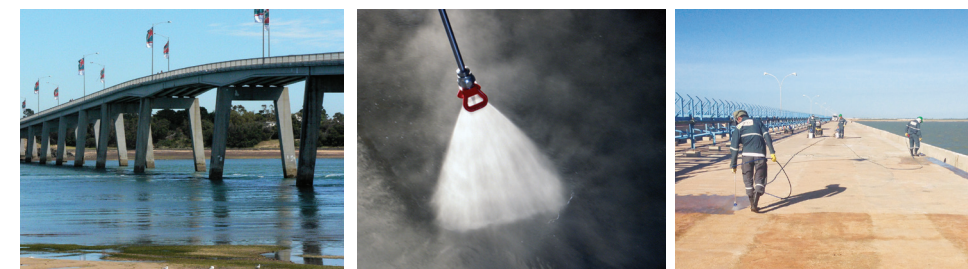
- Abrasion Resistance
- Alkali-Aggregate Reaction Resistance
- Carbonation/Dusting Protection
- Chemical Attack Resistance
- Chloride Protection
- Concrete Curing Enhancement
- Concrete Matrix Rejuvenation
- De-icing Chemical Protection
- Efflorescence Prevention
- Freeze-Thaw Protection
- Reinforcing Steel Protection for Structural Concrete
- Surface Densification & Hardening
- Waterproofing



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Spray-Lock Concrete Protection (SCP) manufactures spray-applied concrete treatments that penetrate, protect, and waterproof concrete capillaries and pores. SCP Treatments provide benefits that include:

- Cures & waterproofs during time-of-placement
- Minimizes shrinkage cracking & slab curling
- Waterproofs after time-of-placement
- Deters development of corrosion conditions
- Enhances resistance to salt or chemical attack
- Enhances freeze-thaw resistance
- Reinforces steel protection for structural concrete
- Protects coating & coverings
- Increases density
- Strengthens & hardens surfaces
- Reduces efflorescence
- Increases durability

SCP Treatments offer the quickest and most cost-effective concrete protection that meets the demands of today's fast-track construction practices. SCP Treatments are often used as a superior curing medium. Testing has shown that SCP Treatments perform equal to or better than 28-day water ponding. User safe with zero VOC content, SCP Treatments allow coatings and coverings to be successfully installed in as little as 14 days after concrete placement with no moisture-related failure problems in structurally sound concrete. SCP Treatments also minimize shrinkage cracking and slab curl at time-of-placement, save costly flooring/surfacing preparation, and leave the surface characteristics unchanged with no topical residue.

SCP Treatments may be used on any uncoated architectural or structural concrete. After proper preparation and application of SCP Treatments, existing concrete slabs, walls, structural elements, and overhead applications are permanently waterproofed. For distressed structural concrete, SCP Treatments offer a formulation to specifically address reinforcing steel corrosion conditions.

About SCP

Spray-Lock Concrete Protection (SCP) Treatments are spray-applied products that penetrate into the concrete capillary and pore structure to provide permanent waterproofing and protection. SCP Treatments provide benefits that include: enhanced curing at time-of-placement; densification, strengthening and surface

hardening; minimized shrinkage cracking and slab curl; and enhanced resistance to salt or chemical attack for the life of the concrete. Environmentally safe with zero VOC content, SCP allows coatings and coverings to be successfully installed 14 days after concrete placement with no failure due to moisture migration through the concrete.



Time-of-Placement

Form Removal

Structural Concrete Remediation

Product Benefits

PRODUCT TESTING

SCP 327 Time of Placement

SCP 578 Premium Concrete Protection

SCP 743

Provides Superior Cure at Time-of-Placement	ASTM C157 ASTM C39 AS 1012.9	✓		—
Reduces Shrinkage Cracking & Slab Curl*	ASTM C157	✓	✓	—
Allows Access to Treated Areas in as little as 1 Hour	TESTIMONIALS	✓	✓	✓
Waterproofs Concrete From Time-of-Placement	DIN 1048, Part 5, Section 7.6	✓		—
Waterproofs Existing Concrete	DIN 1048, Part 5, Section 7.6		✓	✓
Minimizes Scaling & Spalling	ASTM C666	✓		—
Accepts All Coatings & Coverings	ASTM C1583/C1583M ASTM E303	✓	✓	✓
Leaves Mechanical Key for Adhesives & Coatings	ASTM C1583/C1583M ASTM E303	✓	✓	✓
Enhances Chemical & Environmental Attack Resistance	ACID TEST DIN 1048, Part 5, Section 7.6 ASTM C1543 ASTM C666 ASTM C876	✓	✓	✓
Increases Durability	ACID TEST DIN 1048, Part 5, Section 7.6 ASTM C1543 ASTM C666 ASTM C876	✓	✓	✓
Rejuvenates Concrete Capillary & Pore Structure	ACID TEST		✓	✓
Protects Embedded Reinforcing Steel	ASTM D4464 DIN 1048, Part 5, Section 7.6 ASTM C1543 ASTM C876			✓
Minimizes Mold & Mildew	TESTIMONIALS	✓	✓	✓
Provides Permanent Protection	TESTIMONIALS	✓	✓	✓
Applies Safely & Easily	EPA TEST METHOD 8260B	✓	✓	✓
Saves Time & Money	TESTIMONIALS	✓	✓	✓
Non-Flammable	MSDS	✓	✓	✓
0.0 g/mL VOC	EPA TEST METHOD 8260B	✓	✓	✓
Coverage		140-180 ft ² per gal	140-180 ft ² per gal	70-180 ft ² per gal

*At time-of-placement — = Low Permeability Concrete