



## PRODUCT CHARACTERISTICS:

**SCP 327LP** is a penetrating treatment for Low Permeability (LP) Portland cement concrete that is spray-applied at time of placement. Some of the many benefits treatment provides include: enhanced curing, waterproofing, resistance to salt and chemical attack, freeze-thaw resistance, reduced drying shrinkage, densification, and surface hardening.

When applied within the first 24 hours to unburnished concrete, SCP 327LP penetrates the concrete capillary and pore structure, reacting with free alkali to primarily form additional Calcium Silicate Hydrate (C-S-H) within the concrete. This reaction stops harmful moisture migration within the concrete matrix. Foot and trade traffic can access the slab in as little as one hour. At 14 days, coatings and coverings can be applied,

as well as flooring installed, with no moisture related failure. SCP 327LP treated concrete can achieve a comparably superior cure to that of 28 day moist-curing. The need for a curing membrane and an epoxy-based water mitigation system is eliminated, saving time and money.

SCP 327LP provides permanent concrete protection and waterproofing from the inside out, leaving no surface residue while also providing optimal conditions for densifying and polishing concrete.

**With over 40 years of industry proven performance, SCP technology is your solution to better concrete.**

Learn more at [www.concreteprotection.com](http://www.concreteprotection.com)

## APPLICATION:

1. Use a low to medium pressure sprayer complete with an extension wand and 0.019-0.031 inch (0.48-0.79 mm) fan tip spray jet. Be sure to adjust pressure settings so that no surface damage occurs. Hold wand and spray 6 inches (15 cm) from the surface of the substrate. Apply to newly placed and finished concrete as soon as it is hard enough for foot traffic. **IMPORTANT:** Product **MUST** be applied using an overlapping spray pattern of 50% on the previous run.
2. For slab applications, product should hold a flooded appearance (swimming pool effect) for approximately 15 minutes. There are inherent variations in concrete density; some areas will absorb faster than others.



If any area absorbs product within 15 minutes of application, the product will need to be reapplied until absorption occurs in no less than 15 minutes. This is called spraying to the "point of rejection."

- a. If an area is reapplied more than 3 times, contact the SCP Technical department for additional information.
  - b. If product has absorbed thoroughly in the majority of the area, but there is pooling in the low areas, use a broom to spread additional product into the areas already penetrated. *Do not allow product to dry in pools.* Remove excess.
  - c. After absorption, treated area can be opened to foot traffic.
  - d. In the event of product drying on the surface, lightly and quickly sand the entire surface to remove any of the dried product. Remove dust with broom or vacuum.
3. For vertical and overhead applications, work from lowest to highest elevation. Very light and repeated spray passes should be made on the same area until the concrete surface no longer accepts product. Move on to next area after achieving "point of rejection."

## NOTES:

- Like fresh concrete itself and other alkaline materials, SCP 327LP may etch glass, shiny aluminum, and brass if left to dry on the surface. Simply remove while wet.
- If considering application of this product over precast concrete products, contact the SCP Technical department before use as precast concrete products vary widely in porosity and construction.
- Application rates and methods differ when applying overhead and vertically. Contact the SCP Technical department for additional information.
- DO NOT apply on frozen substrate or when temperature is near freezing.
- DO NOT apply when substrate is 90°F (32°C) or higher. If surface temperature is higher than 90°F (32°C) then pre-wetting with water is required. Be sure to remove any puddles before application.
- Joints, cracks, and penetrations should be addressed separately as part of the waterproofing plan.

**Packaging/Storage:** SCP 327LP is packaged in 5-gallon pails, 20-liter pails, and multi-gallon totes. Product shall ideally be stored in a location that is dry and between 35°-100°F (2°-38°C) ambient temperature. Optimal storage is at the middle of the temperature range. Protect from freezing and exposure to direct sunlight. 5-year shelf life under proper storage conditions.

**General Information:** For safe handling information on this product, see the Safety Data Sheet (SDS).

**Warranty:** See Spray-Lock Concrete Protection Limited Warranty.

**Color:** Translucent White

**Odor:** None

**Specific Gravity:** 1.10

**pH:** 11.5 +/-

**Flammability:** 0 (non-flammable)

**VOC/VOS Content:** 0.0 g/ml

**Clean-up Solvent:** Water

**Environmental Impact:** None/  
Neutral

**User Status:** Friendly

**Coverage Rate\*:** 120-160 ft<sup>2</sup>  
per gallon (2.9-3.9 m<sup>2</sup> per liter)

\*Coverage rates are a guide and figures may increase or decrease depending on the porosity of the concrete and spray technique.

